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SUMMARY

A three-dimensional laser Doppler anemometer (3D-LDA) was used in a wind tunnel to measure a jet in a crossflow. Measurements were made in the vicinity of a 5-cm-diam jet which issued normally into a 10.65 m/sec wind tunnel crossflow; the velocity ratio Vjet/Vinf was 8. Detailed lateral surveys were made at two elevations (z = 1 cm and 2 cm); both elevations were within the region affected by the boundary layer on the plate. The results are believed to provide reliable velocity field information in the boundary layer of the jet in a crossflow. Turbulence information also is available and believed to be roughly correct, although it may be subject to broadening effects for the lower values of turbulence. A weak vortex pair was observed in the wake at the plate surface. This structure existed in the boundary layer and built confidence because the 3D-LDA was, indeed, able to resolve fine detail in the wake. The capabilities of the 3D-LDA not only allow the making of velocity surveys, but can be utilized to follow mean streamlines in the flow. Using a specialized algorithm, it was possible to reconstruct streamlines originating upstream on a lateral line at elevations of 2, 5, and 10 cm. The results show symmetry about the jet and rollup of the contrarotating vortices. All the velocities along the streamlines are recorded.

INTRODUCTION

Previous investigations of the velocity field of a subsonic jet in a crossflow have provided data defining the plume and trajectory of the jet. Measurements using various techniques have provided information for jet velocity ratios from 3 to 10, and have located the jet centerline and the vortex curve (refs. 1-5). Some progress has been made in documenting the structure of the counter-rotating vortices which has provided data required for developing more sophisticated models as well as for validating codes that predict the velocity field in the plume.

For the most part, efforts have been directed at predicting the pressure distributions on the surrounding surfaces of the jet, in this case a flat plate; so there is considerable interest among researchers in obtaining velocity field data near the plate itself, especially in the boundary layer. The near wake region is of particular interest because models are consistently unable to accurately predict the surface pressures in this highly viscous area. Unfortunately, very little data have been available because of the difficulty in making three-dimensional velocity and turbulence measurements with most instruments. Measurements near the plate are difficult to make with pressure probes because of their intrusive nature and inability to resolve velocities in arbitrary directions. Similarly, hot wire sensors are cumbersome, inherently limited in directional sensitivity, and difficult to interpret in high turbulence. A very desirable solution is to use a three-dimensional laser anemometer which overcomes the problems of flow disturbance, probe size, and directional sensitivity.

A three-dimensional laser Doppler anemometer (3D-LDA) for use in the NASA 7- by 10-Foot Wind Tunnel Facility at Ames Research Center has been under development since 1980. A first attempt at making measurements in a jet-in-a-crossflow model is described in references 6 and 7. Although the 1980 effort was not successful in providing high quality quantitative measurements, it did nevertheless provide essential information for optimizing the performance of the instrument; the data in this report represent a more recent application of the 3D-LDA. Since 1980, many changes have been made to the optical and electronic systems to improve the quality of the Doppler signals. In addition, the development of a calibration technique and incorporation of a sampling theory into the 3D-LDA software have helped reduce the uncertainties in the measurements and build confidence in the instrument (ref. 8).

Measurements were made in the vicinity of a 5-cm-diam jet which issued normally into a 10.65 m/sec wind tunnel crossflow; the velocity ratio Vjet/Vinf was 8. Detailed lateral surveys were made at two elevations (z = 1 cm and 2 cm); both elevations were within the region affected by the boundary layer on the plate. The area of interest extended from 5 cm upstream of the jet to 40 cm downstream, with an emphasis on the region near the jet wake. Other measurements were made to show specific details in the wake. The boundary layers were also documented at several locations.

The capabilities of the 3D-LDA not only allow the making of velocity surveys, but can be utilized to follow mean streamlines in the flow. An algorithm for using the 3D-LDA to determine a mean streamline is described in references 9 and 10. Using this algorithm, it was possible to reconstruct streamlines originating upstream on a lateral line at elevations of 2, 5, and 10 cm. The results show symmetry about the jet and rollup of the contrarotating vortices. All the velocities along the streamlines are recorded.

3D-LDA AND SIGNAL PROCESSING

The optical layout of the 3D-LDA is shown in figure 1. The system can be thought of as two discrete systems that intersect their measuring volumes at precisely the same point. Each backscatter-type LDA system has zoom optics which allow scanning of the test point over a range of approximately 2 m. The probe volumes are approximately 1.5 mm long and 0.2 mm in diameter. A lower two-channel system directly measures a U and W component of velocity with the violet and green channels respectively. An upper single-channel system (blue) is coupled to the V and W velocity components by orienting its axis at a coupling angle of nominally 17° from the lower channels. In this arrangement, the V-component of velocity can be determined using measurements from the upper blue channel and lower green channel. Scanning and tracking of all channels to maintain the overlap of the probe volumes is accomplished under computer control using stepper motors and encoder feedback.

A block diagram of the 3D-LDA electronic and computer systems is illustrated in figure 2. Signal processing is accomplished with three counter-type processors and computer-controlled frequency downmixers. This combination is significant in that special care has been taken to ensure that the highest possible signal-to-noise ratio is available for the counters. Briefly, the counters have been àdjusted to accept signals within a specified bandwidth; for example, the violet channel was set to accept signals between 4 and 8 MHz—a 4 MHz bandwidth. This bandwidth is narrow enough to reject a sufficient amount of noise to ensure a clean Doppler burst before processing occurs. However, the range of velocities encountered during a survey of

the flow field may cause the signal frequency to move outside of the 4 MHz range. To overcome this problem, the computer adjusts a programmable local oscillator so that the mean signal is always downmixed to the center frequency inside the 4 MHz range.

The advantages of computer-controlled downmixing are (1) a higher signal-to-noise ratio than otherwise possible, and (2) a small, predictable clock error in the processor because only a small range of frequencies is measured. The only requirement is that the bandwidth be sufficient to accept the range of frequencies resulting from turbulence in the flow field. Should the turbulence span a range larger than the available bandwidth, the results would be in error because the processor would be biased toward those velocities falling inside the bandwidth. In the present experiment, bandwidths were typically 4 MHz on blue and violet, and 8 MHz on green. It was necessary to avoid acquiring data too near the shear layer in the wake of the jet because these areas were extremely turbulent. However, the turbulence level of most of the data in this report was low enough to fall within the specified bandwidths. A complete explanation of this frequency downmixing technique will be the subject of a future report.

In order to minimize the systematic uncertainties in the 3D-LDA, it is calibrated as a function of range using a spinning disc device capable of simulating very accurate velocities with a magnitude and direction accurate to 0.1% and 0.1°, respectively. Laboratory tests have confirmed that this technique yields 3D-LDA measurements of U and W to within 1% of the resultant vector magnitude, and V (the difficult component) to within 2%.

MODEL INSTALLATION AND EXPERIMENT

The jet-in-a-crossflow test was performed in the NASA 7- by 10-Foot Wind Tunnel Facility at Ames Research Center. The 3D-LDA is designed specifically for this wind tunnel in that the instrument is optimized for a 2-m range about the wind tunnel centerline. The 3D-LDA is arranged for optical access through a single window on one side of the test section. Figure 3 shows the basic arrangement of the 3D-LDA relative to the wind tunnel and the jet-in-a-crossflow model. The plate was located at the wind tunnel centerline. A jet emanated from a 5.08 cm diam jet nozzle that was mounted flush to the surface of a 0.91- by 1.22-m plate with faired leading and trailing edges. A plenum and a 16:1 convergent nozzle were suspended beneath the plate to provide an air jet of uniform velocity profile perpendicular to the flat plate. A fairing surrounded the plenum.

Measurements very near the surface of the plate were made possible with the 3D-LDA by installing a large front surface mirror on the plate surrounding the jet. This minimized unwanted scattered light near the plate. Care was taken to fair the front edge of the mirror to avoid disturbing the air flow. Also, the 3D-LDA was tilted slightly so that the lowest beam was parallel to the surface, allowing the probe volume to translate to the plate surface if necessary. Velocities were corrected for the small tilt angle during initial calibration of the 3D-LDA.

Seeding was introduced into the wind tunnel downstream of the test section. A fluid atomizer, using mineral oil and shop air, provided an adequate amount of seeding for the closed circuit wind tunnel. The mean particle size was 2-3 μm.

Test conditions were established at a velocity ratio R = 8 by setting the jet speed at 85 m/sec and the wind tunnel crossflow at 10.65 m/sec. Jet and wind tunnel speeds were set and monitored using water micromanometers. It was possible to hold

the jet speed to less than 1% error. However, the wind tunnel speed was often diffi-
cult to hold constant and was found to vary as much as 5%. The velocity ratio is
therefore estimated to have been between 7.6 and 8.4.

DATA REDUCTION AND PRESENTATION

Full advantage was taken of the capabilities of a high speed computer with full
graphics capability on two screens. One screen was dedicated to displaying histogram
information of the incoming data to ensure that only high quality data were being
processed. Statistical information for all three channels was also displayed inform-
ing the engineer of the current mean, standard deviation, and number of samples
desired and presently acquired. A second screen displayed two horizontal survey lines
showing vector projections in two views as the data were made available for plotting.
This near real-time display of data from the 3D-LDA helped ensure that all equipment
was operating properly during a survey. When streamlines were measured, the second
screen showed two views of the streamline as it was developing. This was particularly
important in that a problem could be detected very quickly, seen as a loss in con-
tinuity of the streamline.

The data acquisition software was designed to incorporate a constant error mea-
surement concept described in reference 8. Among the user input parameters was the
option to specify a maximum allowable error (all errors were estimated with a 95%
confidence level) in terms of: (1) a velocity component magnitude, or (2) an angle
error for the vector projections in any plane. Once this parameter was specified,
the computer would acquire batches of data, compute the flow statistics, and then make
an estimate as to the number of data samples required so as not to exceed the speci-
fied error. Estimates were revised as the data were acquired to ensure that the
minimum number of samples of data were being taken as determined from the most
recently available statistics. In practice, the tolerance parameter was held to
0.5 m/sec whenever possible. In many highly turbulent regions, sample sizes would
often exceed 1500 if this tolerance was maintained. In these instances the require-
ments were relaxed by changing the tolerances to 0.75 or 1 m/sec as necessary. In the
case of streamline tracing, angle errors were specified not to exceed 10° in vector
projections of interest (a head-on view of a vector is not considered to be a projec-
tion of interest).

The sampling statistics are available for the data herein as standard deviations
of each velocity component, the number of samples acquired, and the errors in the
vector projections in respective planes. One should be aware that only the standard
deviations for U and W are related to the turbulence, RMS u' and RMS w'. The
standard deviation for the V-component is not the turbulence in that direction because
the distribution of V has been broadened (caused by randomly sampled nonorthogonal
data being transformed to an orthogonal frame of reference). The number of samples
in each channel varied slightly so an average number of samples (Navg) has been listed
for computing confidence intervals. The 95% confidence intervals for the mean values
of U, V, and W may be computed; for example, for the U component:

$$\bar{U}_m - \Delta U < \bar{U} < \bar{U}_m + \Delta U$$

where $\bar{U}_m \equiv$ measured mean velocity, and $\Delta U \equiv 1.96 \; S_u/\sqrt{N}$.

The velocity surveys are summarized in appendix A, table A-1, and detailed in
appendix A; while the streamlines are summarized in appendix B, table B-1, and

detailed in appendix B. Representative vector plots and streamline plots are pre-
sented in figures 4 through 16 for quick visualization of the available data. The
bulk of the survey data is shown in the x-y view in figures 4 through 7. Several
selected runs from the survey data are shown in figures 8 and 9 to give the reader a
feeling for the vertical flow about the jet. Most of the data are considered to be
of good quality, based on judgments concerning the operation of the 3D-LDA and its
associated electronic hardware and software. All the data were derived from distri-
butions of velocity which were considered to be of good quality, as evidenced by
on-line display of histograms. Possible exceptions are runs DAT14 through DAT17,
which show a slight bias toward the positive V-direction near centerline. These runs
have been included because the cause of the bias is not certain; the bias is not seen
in runs on the 2 cm plane.

Figures 10 and 11 show additional data plotted in the z-x plane of symmetry
(x = 0). The jet centerline, as calculated from reference 5, is drawn in for compari-
son. In figure 11, streamline velocity information at x = 0 has been cross plotted
to give a more complete picture of the flow patterns in the z-x cross section.

As data were being acquired at the z = 1 cm and z = 2 cm elevations, it
became apparent that some fine structures might exist near the plate surface in the
wake region. Additional surveys were made in order to provide some detail in the
wake at x = 5 cm and x = 10 cm. Figure 12 shows evidence of a weak vortex pair in
the wake. Flow is apparently being pumped down toward the plate by the action of two
weak vortices; this can be further visualized by studying figure 11 and the stream-
lines in figure 16.

Streamline traces are presented in figures 13 through 16 for the purpose of
visualizing the entrainment of the flow about the jet. Each figure shows a set of
streamlines which originated on a line 5 cm upstream of the jet centerline at a unique
elevation. Figure 13 shows a streamline which was retraced in the reverse direction,
which gives some indication of the ability of the 3D-LDA to resolve a streamline. The
development of the vortex plume is seen by the entrainment of flow into the immediate
wake of the jet. Streamlines which originate farther from the jet eventually cease
to be entrained and become part of a far wake system consisting of an upward rising
flow focused toward the plane of symmetry.

CONCLUSIONS

It was possible to acquire three-dimensional laser Doppler anemometer data near
the plate and in the wake of the jet in a crossflow. Velocity surveys in the lateral
direction were taken over two planes at elevations of 1 and 2 cm. They required any-
where from 5 to 30 min to complete, depending on the degree of turbulence in the flow.
Although not an unreasonable amount of time, much was lost in slow data transfers in
the computer interface. It is anticipated that the survey time could be reduced by
an order of magnitude after improvements are made to the data acquisition hardware.

The results are believed to provide reliable velocity field information in the
boundary layer of the jet in a crossflow. Turbulence information in the u and w
directions is also available and believed to be roughly correct, although it may be
subject to broadening effects for the lower values of turbulence. A weak vortex pair
was observed in the wake at the plate surface. This structure existed in the boundary
layer and built confidence because the 3D-LDA was, indeed, able to resolve fine detail
in the wake.

The 3D-LDA proved to be a useful tool for visualizing the streamlines about the jet and studying jet entrainment. The resulting streamlines show the entrainment of the flow into the wake of the jet, and then either into the jet itself or into the far wake. The results seem reasonable considering the remarkable lateral symmetry that was obtained in such a turbulent flow. Also, the existence of plume vortices would be consistent with the flow patterns which were observed.

Certain limitations in the usefulness of the 3D-LDA were observed. The jet itself was difficult to survey because of the steep shear layer near the plate surface. It was impossible to acquire accurate 3D velocities because the shear layer thickness was on the order of the size of the probe volume. This created ambiguity in the measurements of the shear layer velocity components. It was, therefore, concluded that the instrument would not be useful in high shears of such a small scale. Other limitations in the electronics did not allow a fine enough adjustment of the filters, so regions of higher turbulence could not be measured without biasing. Data suspect of biasing were edited using turbulence level as a criterion. This problem could be remedied by a change in the design of the filter banks.

Time and scope did not allow for investigation of the complete jet in a cross-flow; however, considering the above limitations, it should be possible to use the 3D-LDA technique to document the complete velocity field.

APPENDIX A

VELOCITY SURVEYS

File: DAT

DATA FILE KEY

Xcm   x-coordinate of data (streamwise) in cm
Ycm   y-coordinate of data (lateral) in cm
Zcm   z-coordinate of data (vertical along jet) in cm

Um/s   mean streamwise velocity component in m/sec
Vm/s   mean lateral velocity component in m/sec
Wm/s   mean vertical velocity component in m/sec

Su   standard deviation of distribution of U velocities in m/sec
Sv   standard deviation of distribution of V velocities in m/sec
Sw   standard deviation of distribution of W velocities in m/sec

DELxy error in direction of vector projected in x-y plane in degrees
DELyz error in direction of vector projected in y-z plane in degrees
DELzx error in direction of vector projected in z-x plane in degrees

Navg   average number of samples acquired from the blue, green, and violet channels
       of the 3D-LDA

7

Run no.	X cm	Y cm	Z cm	Run no.	X cm	Y cm	Z cm	
DAT01	-5.0	-8→8	1.0	DAT44	-2.7	-8→8	0.2	
DAT02	-4.5	-5→5	1.0	DAT45	5.0	-5→5	.2	
DAT03	-4.0	-5→5	1.0	DAT46	5.0	-10→2	.2	
DAT04	-3.5	-5→5	1.0	DAT47	5.0	-5→5	.5	additional runs to
DAT05	-3.0	-4.5→4.5	1.0	DAT48	10.0	-10→10	.5	visualize y-z cross
DAT06	-2.7	0→10	1.0	DAT49	20.0	-10→8	.5	sections in wake
DAT07	-2.0	0→10	1.0	DAT50	5.0	-5→5	.75	
DAT08	-1.0	1.5→10	1.0	DAT51	5.0	-8→8	1.5	
DAT09	0	10→2.8	1.0	DAT52	10.0	-3.5→3.5	1.5	
DAT10	1.0	10→2.5	1.0	DAT53	20.0	-10→10	1.5	
DAT11	2.0	10→2.0	1.0	DAT54	5.0	-8→8	3.0	
DAT12	2.5	-7→7	1.0	DAT55	10.0	-8→8	3.0	
DAT13	3.0	-8→5	1.0					
DAT14	4.0	-8→8	1.0	DAT56	-10	-10→10	15	
DAT15	5.0	-5→5	1.0	DAT57	10	-10→0	4.0	miscellaneous
DAT16	6.0	-8→8	1.0	DAT58	10	-10→10	4.0	
DAT17	7.5	-15→15	1.0					
DAT18	10.0	-10→10	1.0	DAT59	-8→24	0	20	
DAT19	15.0	-10→10	1.0	DAT60	-5→44	0	40	x-surveys
DAT20	20.0	-10→10	1.0	DAT61	-4.0	-10→10	5.0	
DAT21	25.0	-15→14	1.0					
DAT22	30.0	-20→20	1.0	DAT62	-7.5	0	0→4	z-surveys boundary
DAT23	35.5	-25→25	1.0	DAT63	0	7.5	0→4	layers jet on
				DAT64	-7.5	0	0→4.5	
DAT24	-5.0	-7→7	2.0	DAT65	7.5	0	0→4.5	boundary layers jet off
DAT25	-4.0	-7→7	2.0	DAT66	7.5	10	0→4	
DAT26	-3.0	-8→8	2.0					
DAT27	-2.7	-8→8	2.0					
DAT28	-2.0	8→2	2.0					
DAT29	-1.0	8→2.5	2.0					
DAT30	0	8→3.0	2.0					
DAT31	1.0	8→2.7	2.0					
DAT32	2.0	8→1.8	2.0					
DAT33	2.5	8→0	2.0					
DAT34	3.0	-8→9	2.0					
DAT35	4.0	-10→10	2.0					
DAT36	5.0	-10→10	2.0					
DAT37	7.5	-10→10	2.0					
DAT38	10.0	-12→12	2.0					
DAT39	15.0	-12→12	2.0					
DAT40	20.0	-15→15	2.0					
DAT41	25.0	-14→14	2.0					
DAT42	30.0	-24→24	2.0					
DAT43	40.0	-24→24	2.0					

```
------------------------------------------------------------------------
FILE:DAT01

No.   Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy   DELyz   DELzx   Navg
------------------------------------------------------------------------
 1    -05.01  -07.99  +01.01  +13.05  +00.11  -00.24  +00.96  +03.40  +00.84
      +002.1  +086.1  +000.5  0193
------------------------------------------------------------------------
 2    -05.01  -06.99  +01.01  +13.05  +00.08  -00.29  +01.07  +03.02  +00.78
      +001.9  +074.8  +000.5  0191
------------------------------------------------------------------------
 3    -05.01  -05.99  +01.00  +12.67  -00.74  -00.24  +01.17  +03.12  +00.76
      +002.0  +016.9  +000.5  0189
------------------------------------------------------------------------
 4    -05.01  -04.99  +01.00  +12.71  -01.33  -00.30  +00.97  +03.24  +00.80
      +002.0  +008.5  +000.5  0191
------------------------------------------------------------------------
 5    -05.01  -03.99  +01.00  +12.20  -01.14  -00.42  +00.94  +03.14  +00.70
      +001.6  +008.7  +000.4  0359
------------------------------------------------------------------------
 6    -05.01  -02.99  +00.99  +11.21  -01.50  -00.40  +01.12  +03.44  +00.82
      +002.0  +006.7  +000.5  0363
------------------------------------------------------------------------
 7    -05.01  -01.99  +00.99  +10.80  -01.76  -00.46  +00.96  +03.13  +00.80
      +001.8  +005.2  +000.5  0354
------------------------------------------------------------------------
 8    -05.01  -00.99  +00.99  +09.45  -01.36  -00.49  +01.23  +03.48  +00.77
      +002.2  +007.9  +000.5  0364
------------------------------------------------------------------------
 9    -05.01  +00.01  +00.98  +09.55  +00.21  -00.60  +01.01  +03.36  +00.90
      +002.3  +029.4  +000.6  0353
------------------------------------------------------------------------
10    -05.01  +01.01  +00.98  +10.07  +00.81  -00.61  +01.10  +03.27  +00.80
      +002.1  +009.5  +000.5  0359
------------------------------------------------------------------------
11    -05.01  +02.01  +00.97  +11.00  +01.27  -00.46  +00.98  +03.52  +00.84
      +002.1  +003.6  +000.5  0354
------------------------------------------------------------------------
12    -05.01  +03.01  +00.97  +11.65  +01.91  -00.44  +01.10  +03.58  +00.82
      +002.0  +001.8  +000.5  0354
------------------------------------------------------------------------
13    -05.01  +04.01  +00.97  +12.00  +01.28  -00.40  +01.01  +03.25  +00.76
      +001.8  +003.0  +000.4  0358
------------------------------------------------------------------------
14    -05.01  +05.01  +00.96  +12.53  +01.26  -00.35  +01.04  +03.38  +00.86
      +001.8  +002.6  +000.4  0354
------------------------------------------------------------------------
15    -05.01  +06.01  +00.96  +12.79  +00.81  -00.25  +01.06  +02.82  +00.70
      +001.8  +004.6  +000.4  0192
------------------------------------------------------------------------
16    -05.01  +07.01  +00.96  +12.81  +00.58  -00.22  +00.98  +03.17  +00.79
      +002.0  +008.7  +000.5  0190
------------------------------------------------------------------------
17    -05.01  +08.01  +00.96  +12.91  -00.21  -00.10  +00.96  +03.36  +00.81
      +002.1  +073.1  +000.5  0190
------------------------------------------------------------------------
```

FILE:DAT02

No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	-04.51 +002.2	-04.99 +006.0	+01.01 +000.5	+12.70 0196	-01.56	-00.24	+01.14	+03.55	+00.74
2	-04.51 +001.8	-04.49 +004.3	+01.01 +000.4	+12.75 0350	-01.85	-00.29	+00.88	+03.31	+00.71
3	-04.51 +002.0	-03.99 +010.2	+01.00 +000.3	+12.36 0707	-01.11	-00.47	+00.87	+03.79	+00.79
4	-04.51 +002.3	-03.49 +006.5	+01.00 +000.5	+12.15 0193	-01.95	-00.58	+00.98	+03.58	+00.74
5	-04.51 +001.9	-02.99 +004.6	+01.00 +000.4	+12.44 0359	-02.15	-00.55	+00.67	+03.80	+00.80
6	-04.51 +002.2	-02.49 +006.7	+00.99 +000.5	+11.87 0190	-01.87	-00.60	+00.84	+03.31	+00.73
7	-04.51 +002.1	-01.99 +003.9	+00.99 +000.5	+10.33 0357	-02.40	-00.60	+00.92	+03.32	+00.67
8	-04.51 +002.0	-01.49 +004.6	+00.99 +000.5	+10.20 0351	-02.07	-00.60	+00.86	+03.15	+00.68
9	-04.51 +002.5	-00.99 +010.1	+00.99 +000.6	+09.26 0349	-01.27	-00.58	+00.97	+03.49	+00.76
10	-04.51 +002.5	-00.49 +025.9	+00.98 +000.5	+09.49 0349	-00.40	-00.80	+00.96	+03.55	+00.75
11	-04.51 +003.0	+00.01 +037.6	+00.98 +000.6	+09.29 0192	-00.09	-00.75	+01.01	+03.47	+00.64
12	-04.51 +002.1	+00.51 +012.1	+00.98 +000.4	+09.80 0355	+00.74	-00.75	+00.86	+03.07	+00.66
13	-04.51 +002.2	+01.01 +003.6	+00.97 +000.4	+10.09 0353	+01.74	-00.77	+00.82	+03.39	+00.62
14	-04.51 +001.7	+01.51 +003.9	+00.97 +000.3	+11.27 0343	+01.46	-00.63	+00.68	+02.95	+00.53
15	-04.51 +002.2	+02.01 +002.2	+00.97 +000.5	+10.93 0359	+02.01	-00.57	+01.00	+03.71	+00.74
16	-04.51 +002.0	+02.51 +002.8	+00.96 +000.4	+12.42 0189	+01.88	-00.61	+00.83	+03.12	+00.61
17	-04.51 +001.7	+03.01 +002.0	+00.96 +000.4	+12.87 0342	+01.79	-00.45	+00.75	+03.33	+00.66
18	-04.51 +001.6	+03.51 +002.0	+00.96 +000.3	+12.98 0356	+01.78	-00.47	+00.71	+03.34	+00.71
19	-04.51 +001.9	+04.01 +002.1	+00.95 +000.4	+12.82 0355	+01.70	-00.44	+00.81	+03.42	+00.68

```
20   -04.51  +04.51  +00.95  +12.95  +01.98  -00.42  +00.94  +03.44  +00.63
     +002.1  +002.1  +000.4  0192
------------------------------------------------------------------------------
21   -04.51  +05.01  +00.95  +13.58  +01.17  -00.33  +00.74  +03.47  +00.63
     +002.0  +004.4  +000.4  0192
------------------------------------------------------------------------------
```

```
------------------------------------------------------------------------
FILE:DAT03

No.  Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
     DELxy   DELyz   DELzx   Navg
------------------------------------------------------------------------
 1   -04.01  -04.96  +01.00  +11.76  -01.41  -00.28  +01.07  +03.06  +00.75
     +002.1  +007.2  +000.5  0188
------------------------------------------------------------------------
 2   -04.01  -03.96  +01.00  +11.14  -02.10  -00.29  +01.31  +03.58  +00.79
     +002.5  +004.6  +000.6  0191
------------------------------------------------------------------------
 3   -04.01  -02.96  +01.00  +10.40  -02.04  -00.61  +01.00  +03.28  +00.83
     +001.9  +004.8  +000.5  0357
------------------------------------------------------------------------
 4   -04.01  -01.96  +00.99  +09.31  -02.11  -00.80  +01.04  +03.43  +00.86
     +002.2  +005.3  +000.6  0357
------------------------------------------------------------------------
 5   -04.01  -00.96  +00.99  +08.07  -01.57  -00.84  +00.92  +03.18  +00.68
     +002.4  +007.2  +000.6  0353
------------------------------------------------------------------------
 6   -04.01  +00.04  +00.98  +07.68  +00.03  -00.79  +01.22  +03.58  +00.81
     +003.8  +036.9  +000.8  0191
------------------------------------------------------------------------
 7   -04.01  +01.04  +00.98  +08.72  +02.02  -00.78  +01.09  +03.41  +00.77
     +003.0  +003.1  +000.7  0190
------------------------------------------------------------------------
 8   -04.01  +02.04  +00.98  +10.05  +02.81  -00.68  +01.20  +03.43  +00.75
     +002.6  +001.5  +000.6  0191
------------------------------------------------------------------------
 9   -04.01  +03.04  +00.97  +11.37  +02.12  -00.50  +00.89  +03.24  +00.72
     +001.8  +001.4  +000.5  0350
------------------------------------------------------------------------
10   -04.01  +04.04  +00.97  +11.79  +01.99  -00.36  +00.87  +03.45  +00.78
     +001.8  +001.5  +000.4  0358
------------------------------------------------------------------------
11   -04.01  +05.04  +00.97  +12.21  +00.81  -00.17  +00.81  +03.14  +00.72
     +001.7  +003.4  +000.4  0353
------------------------------------------------------------------------
```

```
----------------------------------------------------------------------
FILE:DATO4

No.   Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy   DELyz   DELzx   Navg

----------------------------------------------------------------------
 1   -03.50  -04.99  +01.01  +12.39  -01.14  -00.42  +00.77  +02.88  +00.61
     +001.5  +008.2  +000.3  0352
----------------------------------------------------------------------
 2   -03.50  -03.99  +01.01  +12.52  -02.37  -00.43  +01.03  +03.49  +00.82
     +001.8  +003.5  +000.4  0357
----------------------------------------------------------------------
 3   -03.50  -02.99  +01.00  +12.13  -03.18  -00.61  +01.01  +03.87  +00.82
     +002.1  +003.0  +000.5  0348
----------------------------------------------------------------------
 4   -03.50  -01.99  +00.99  +10.26  -03.21  -00.95  +01.00  +03.63  +00.86
     +002.5  +003.8  +000.6  0346
----------------------------------------------------------------------
 5   -03.50  -00.99  +00.99  +07.76  -00.98  -01.39  +00.94  +03.54  +00.68
     +003.5  +014.6  +000.6  0346
----------------------------------------------------------------------
 6   -03.50  +00.01  +00.98  +07.35  +01.56  -01.47  +00.96  +03.24  +00.68
     +003.1  +006.5  +000.6  0349
----------------------------------------------------------------------
 7   -03.50  +01.01  +00.98  +08.82  +03.93  -01.28  +00.91  +04.02  +00.73
     +002.2  +001.3  +000.5  0513
----------------------------------------------------------------------
 8   -03.50  +02.01  +00.97  +10.84  +04.41  -00.93  +00.95  +03.52  +00.73
     +001.9  +000.8  +000.4  0348
----------------------------------------------------------------------
 9   -03.50  +03.01  +00.96  +12.85  +03.19  -00.61  +00.75  +03.20  +00.72
     +001.7  +001.0  +000.4  0342
----------------------------------------------------------------------
10   -03.50  +04.01  +00.96  +13.13  +01.62  -00.36  +00.84  +03.09  +00.68
     +001.6  +001.9  +000.3  0349
----------------------------------------------------------------------
11   -03.50  +05.01  +00.95  +13.22  +01.38  -00.26  +00.76  +03.34  +00.62
     +001.7  +002.2  +000.3  0346
----------------------------------------------------------------------
```

```
------------------------------------------------------------------------
FILE:DATO5

No.  Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
     DELxy   DELyz   DELzx   Navg
------------------------------------------------------------------------
1    -02.99  -04.48  +01.00  +12.72  -02.32  -00.24  +01.87  +04.81  +00.97
     +002.1  +003.3  +000.4  0381
------------------------------------------------------------------------
2    -02.99  -03.98  +01.00  +12.52  -02.83  -00.32  +02.36  +04.98  +01.12
     +002.2  +003.2  +000.5  0376
------------------------------------------------------------------------
3    -02.99  -03.48  +01.00  +12.07  -03.65  -00.49  +02.49  +05.09  +01.18
     +002.2  +002.7  +000.6  0380
------------------------------------------------------------------------
4    -02.99  -02.98  +00.99  +11.64  -04.28  -00.61  +02.30  +05.63  +01.25
     +002.5  +002.5  +000.6  0381
------------------------------------------------------------------------
5    -02.99  -02.48  +00.99  +10.64  -05.44  -00.66  +02.19  +05.43  +01.31
     +002.4  +002.0  +000.7  0378
------------------------------------------------------------------------
6    -02.99  -01.98  +00.98  +09.43  -06.04  -01.00  +01.74  +05.69  +01.42
     +002.5  +002.1  +000.9  0380
------------------------------------------------------------------------
7    -02.99  -01.48  +00.98  +07.89  -05.25  -01.58  +01.86  +05.65  +01.31
     +002.9  +002.9  +001.0  0378
------------------------------------------------------------------------
8    -02.99  -00.98  +00.97  +06.16  -03.82  -01.75  +01.90  +06.31  +01.55
     +004.3  +005.3  +001.4  0381
------------------------------------------------------------------------
9    -02.99  -00.48  +00.97  +05.13  -02.03  -02.01  +01.91  +05.91  +01.51
     +005.7  +010.2  +001.7  0379
------------------------------------------------------------------------
10   -02.99  +00.02  +00.97  +04.74  +01.76  -02.34  +02.72  +07.06  +01.66
     +007.6  +009.6  +002.1  0380
------------------------------------------------------------------------
11   -02.99  +00.52  +00.96  +05.84  +02.98  -02.11  +02.41  +06.16  +01.59
     +004.9  +004.1  +001.6  0379
------------------------------------------------------------------------
12   -02.99  +01.02  +00.96  +07.49  +05.03  -01.74  +02.98  +05.54  +01.37
     +003.1  +001.2  +001.1  0381
------------------------------------------------------------------------
13   -02.99  +01.52  +00.95  +08.78  +05.12  -01.53  +03.29  +04.92  +01.23
     +002.6  +000.9  +000.9  0379
------------------------------------------------------------------------
14   -02.99  +02.02  +00.95  +09.98  +04.65  -01.12  +02.91  +04.95  +01.27
     +002.4  +000.8  +000.8  0378
------------------------------------------------------------------------
15   -02.99  +02.52  +00.94  +10.99  +04.33  -00.83  +03.70  +04.68  +01.24
     +002.2  +000.9  +000.7  0383
------------------------------------------------------------------------
16   -02.99  +03.02  +00.93  +12.40  +03.22  -00.55  +02.02  +05.32  +01.40
     +002.3  +001.4  +000.7  0380
------------------------------------------------------------------------
17   -02.99  +03.52  +00.93  +12.58  +01.85  -00.37  +01.81  +04.81  +01.07
     +002.1  +002.0  +000.5  0383
------------------------------------------------------------------------
18   -02.99  +04.02  +00.92  +12.48  +01.36  -00.31  +02.24  +05.10  +01.25
     +002.3  +003.0  +000.6  0382
------------------------------------------------------------------------
19   -02.99  +04.52  +00.92  +12.77  +00.98  -00.11  +02.55  +05.01  +01.28
     +002.2  +005.0  +000.6  0382
------------------------------------------------------------------------
```

No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	-02.70 +024.2	+00.00 +030.0	+01.00 +004.7	+03.86 0189	-00.14	-03.14	+02.45	+11.45	+03.08
2	-02.70 +021.6	+00.30 +024.0	+01.00 +004.5	+04.13 0190	+01.28	-03.28	+02.62	+12.02	+03.06
3	-02.70 +011.4	+00.60 +010.1	+01.00 +003.3	+05.98 0191	+03.48	-03.17	+02.45	+11.06	+02.82
4	-02.70 +006.7	+00.90 +004.3	+01.00 +002.2	+07.26 0192	+05.42	-03.11	+02.08	+09.25	+02.22
5	-02.70 +002.4	+01.50 +001.1	+01.00 +000.7	+10.08 0353	+06.48	-02.29	+01.17	+05.25	+01.20
6	-02.70 +001.9	+02.00 +000.8	+01.00 +000.5	+12.32 0359	+06.64	-02.02	+01.24	+04.62	+00.98
7	-02.70 +002.2	+02.50 +000.8	+01.00 +000.6	+13.92 0191	+06.43	-01.65	+01.09	+04.54	+01.10
8	-02.70 +001.8	+03.00 +000.9	+01.00 +000.4	+14.86 0355	+04.82	-01.13	+01.10	+04.27	+01.03
9	-02.70 +002.4	+03.50 +001.4	+01.00 +000.6	+15.53 0194	+04.00	-00.94	+01.29	+04.89	+01.12
10	-02.70 +002.2	+04.00 +001.6	+01.00 +000.5	+15.85 0195	+03.37	-00.72	+01.16	+04.59	+00.95
11	-02.70 +002.4	+04.50 +003.2	+00.99 +000.5	+15.20 0192	+01.93	-00.52	+01.24	+04.66	+01.02
12	-02.70 +002.4	+05.00 +003.1	+00.99 +000.6	+15.64 0193	+01.79	-00.40	+01.26	+04.83	+01.07
13	-02.70 +002.4	+05.50 +008.6	+00.98 +000.5	+15.06 0192	+00.77	-00.24	+01.18	+04.55	+00.98
14	-02.70 +002.4	+06.00 +009.2	+00.98 +000.5	+15.26 0193	+01.01	-00.42	+01.29	+04.49	+00.89
15	-02.70 +001.9	+06.50 +011.9	+00.97 +000.4	+14.85 0362	+00.62	-00.26	+01.16	+04.27	+00.86
16	-02.70 +002.5	+07.00 +099.3	+00.97 +000.5	+14.57 0191	+00.13	-00.28	+01.22	+04.45	+00.87
17	-02.70 +002.5	+08.00 +112.0	+00.96 +000.5	+14.34 0193	+00.10	-00.26	+01.15	+04.47	+00.97
18	-02.70 +002.2	+08.50 +060.8	+00.96 +000.5	+14.41 0194	-00.29	-00.15	+01.24	+03.90	+00.87
19	-02.70 +002.0	+09.00 +047.2	+00.95 +000.5	+14.42 0193	-00.35	-00.20	+01.11	+03.59	+00.81

20   -02.70 +10.00 +00.95 +14.12 -00.88 -00.12 +01.12 +03.85 +00.90
     +002.2 +012.2 +000.5 0191

FILE:DAT07

No.	Xcm	Ycm	Zcm	Um/s	Vm/s	Wm/s	Su	Sv	Sw
	DELxy	DELyz	DELzx	Navg					
1	-01.99	+00.00	+01.01	-00.80	+01.00	+83.90	+02.84	+12.02	+02.59
	+049.0	+001.2	+000.3	0191					
2	-01.99	+00.30	+01.01	+00.53	+00.27	+84.34	+02.40	+11.25	+02.12
	+137.7	+001.1	+000.2	0192					
3	-01.99	+00.60	+01.01	+01.01	+00.56	+84.33	+02.25	+11.08	+02.14
	+069.0	+001.1	+000.2	0190					
4	-01.99	+00.90	+01.01	+00.69	-01.50	+84.38	+02.51	+11.53	+02.20
	+026.2	+001.1	+000.2	0190					
5	-01.99	+01.20	+01.00	+00.66	-01.27	+84.04	+02.63	+13.88	+02.74
	+038.7	+001.3	+000.3	0190					
6	-01.99	+01.50	+01.00	+01.44	+01.33	+82.01	+04.06	+19.30	+04.73
	+060.1	+001.9	+000.4	0189					
7	-01.99	+01.60	+01.00	+02.68	-02.32	+79.70	+04.84	+30.63	+06.89
	+053.9	+003.2	+000.5	0190					
8	-01.99	+01.70	+01.00	+00.63	+01.71	+74.53	+03.44	+32.08	+08.20
	+051.9	+003.5	+000.3	0349					
9	-01.99	+01.80	+01.00	+03.28	+09.02	+09.97	+05.37	+42.24	+09.37
	+010.0	+017.2	+003.3	0359					
10	-01.99	+02.10	+00.99	+13.18	+11.08	-00.98	+04.09	+20.19	+04.25
	+007.5	+002.3	+002.6	0188					
11	-01.99	+02.40	+00.99	+15.43	+09.77	-02.69	+03.07	+07.81	+01.74
	+003.0	+001.1	+000.9	0190					
12	-01.99	+02.70	+00.99	+17.88	+07.32	-02.15	+01.00	+05.33	+01.11
	+002.1	+001.1	+000.5	0191					
13	-01.99	+03.00	+00.99	+17.97	+06.08	-01.56	+01.21	+04.15	+00.98
	+001.7	+000.8	+000.4	0194					
14	-01.99	+03.30	+00.99	+17.54	+06.27	-01.19	+01.13	+04.27	+00.88
	+002.1	+000.9	+000.4	0343					
15	-01.99	+03.60	+00.99	+17.94	+03.88	-00.93	+01.40	+04.84	+01.05
	+002.1	+001.5	+000.5	0190					
16	-01.99	+04.20	+00.99	+17.27	+01.88	-00.54	+01.40	+04.30	+01.01
	+002.0	+003.0	+000.5	0189					
17	-01.99	+04.50	+00.99	+17.04	+01.08	-00.42	+01.21	+03.99	+00.92
	+001.9	+006.4	+000.4	0191					
18	-01.99	+04.80	+00.98	+17.13	+01.22	-00.48	+01.34	+04.51	+00.98
	+002.1	+006.9	+000.5	0192					
19	-01.99	+05.10	+00.98	+16.67	+01.80	-00.37	+01.30	+04.30	+00.93
	+002.1	+002.7	+000.5	0189					

```
20    -01.99  +05.40  +00.98  +16.50  +00.56  -00.28  +01.24  +03.72  +00.79
      +001.8  +015.9  +000.4  0191
----------------------------------------------------------------------------
21    -01.99  +05.70  +00.98  +16.07  +00.08  -00.13  +01.17  +03.81  +00.79
      +001.9  +159.7  +000.4  0188
----------------------------------------------------------------------------
22    -01.99  +06.00  +00.98  +15.92  -00.17  -00.13  +01.39  +04.84  +01.15
      +002.5  +143.6  +000.6  0191
----------------------------------------------------------------------------
23    -01.99  +06.30  +00.98  +16.07  +00.21  -00.16  +01.24  +04.27  +00.97
      +002.2  +063.2  +000.5  0190
----------------------------------------------------------------------------
24    -01.99  +06.80  +00.98  +15.32  -01.23  -00.00  +01.14  +03.76  +00.82
      +002.0  +005.5  +000.4  0192
----------------------------------------------------------------------------
25    -01.99  +07.30  +00.98  +14.93  -00.83  -00.12  +01.24  +04.17  +00.84
      +002.3  +013.0  +000.5  0189
----------------------------------------------------------------------------
26    -01.99  +07.80  +00.98  +15.31  -00.84  -00.03  +01.25  +04.25  +01.00
      +002.3  +010.8  +000.5  0189
----------------------------------------------------------------------------
27    -01.99  +08.30  +00.98  +15.42  -00.76  -00.09  +01.03  +03.77  +00.82
      +002.0  +012.6  +000.4  0192
----------------------------------------------------------------------------
28    -01.99  +08.80  +00.98  +14.42  -00.58  -00.16  +01.16  +04.05  +00.94
      +002.3  +025.8  +000.5  0190
----------------------------------------------------------------------------
29    -01.99  +09.30  +00.97  +14.56  -01.01  -00.03  +01.14  +04.05  +00.83
      +002.2  +007.5  +000.5  0193
----------------------------------------------------------------------------
```

No.	Xcm	Ycm	Zcm	Um/s	Vm/s	Wm/s	Su	Sv	Sw
	DELxy	DELyz	DELzx	Navg					
1	-01.01	+01.57	+01.00	+02.43	-00.59	+82.95	+03.04	+24.09	+04.63
	+076.9	+002.4	+000.3	0190					
2	-01.01	+01.87	+01.00	+03.76	-00.83	+83.67	+02.53	+21.05	+04.55
	+043.4	+002.1	+000.2	0190					
3	-01.01	+02.17	+01.00	+04.11	+05.15	+82.71	+02.93	+21.00	+04.76
	+016.6	+002.1	+000.3	0188					
4	-01.01	+02.47	+01.00	+04.71	+05.48	+80.98	+04.36	+23.88	+05.69
	+018.0	+002.4	+000.4	0188					
5	-01.01	+02.77	+00.99	+07.33	+08.35	-00.81	+07.39	+19.68	+03.92
	+010.6	+002.7	+004.3	0190					
6	-01.01	+03.37	+00.99	+15.88	+03.77	-01.30	+06.75	+06.00	+01.26
	+003.0	+002.7	+000.7	0194					
7	-01.01	+03.67	+00.99	+20.15	+02.30	-00.89	+02.18	+05.11	+01.12
	+002.0	+004.1	+000.5	0189					
8	-01.01	+03.97	+00.99	+20.34	+02.44	-00.72	+01.41	+04.74	+01.05
	+001.9	+002.7	+000.4	0192					
9	-01.01	+04.27	+00.99	+19.31	+00.51	-00.23	+01.37	+05.23	+01.09
	+002.2	+022.0	+000.5	0196					
10	-01.01	+04.57	+00.99	+18.79	+00.93	-00.45	+01.27	+04.30	+00.87
	+001.8	+011.4	+000.4	0191					
11	-01.01	+04.87	+00.99	+18.12	+00.45	-00.36	+01.36	+04.73	+01.05
	+002.1	+033.5	+000.5	0193					
12	-01.01	+05.17	+00.98	+17.38	-00.63	-00.09	+01.21	+04.53	+00.91
	+002.1	+018.4	+000.4	0193					
13	-01.01	+05.47	+00.98	+16.97	-00.68	-00.07	+01.31	+04.53	+00.93
	+002.1	+015.3	+000.4	0193					
14	-01.01	+05.77	+00.98	+16.95	-00.44	-00.13	+01.12	+04.53	+00.92
	+002.2	+035.8	+000.4	0191					
15	-01.01	+06.07	+00.98	+16.63	-00.90	-00.06	+01.24	+03.65	+00.79
	+001.8	+009.0	+000.4	0190					
16	-01.01	+06.37	+00.98	+16.15	-00.87	-00.08	+01.29	+04.41	+00.99
	+002.2	+012.4	+000.5	0192					
17	-01.01	+06.67	+00.99	+15.91	-00.66	-00.24	+01.25	+04.14	+00.83
	+002.1	+024.0	+000.4	0190					
18	-01.01	+06.97	+00.99	+15.89	-00.76	-00.20	+01.31	+04.02	+00.78
	+002.0	+017.1	+000.4	0193					
19	-01.01	+07.27	+00.99	+15.68	-00.48	-00.17	+01.16	+04.21	+00.80
	+002.2	+033.1	+000.4	0190					

```
20    -01.01  +07.57  +00.99  +15.32  -00.90  -00.14  +01.24  +04.22  +00.79
      +002.2  +011.7  +000.4  0195
--------------------------------------------------------------------------------
21    -01.01  +07.87  +00.99  +15.11  -01.09  -00.15  +01.30  +04.04  +00.86
      +002.2  +009.8  +000.5  0192
--------------------------------------------------------------------------------
22    -01.01  +08.17  +00.99  +14.88  -01.02  -00.03  +01.25  +04.11  +00.87
      +002.2  +007.5  +000.5  0195
--------------------------------------------------------------------------------
23    -01.01  +08.47  +01.00  +14.93  -01.03  -00.07  +01.29  +03.98  +00.76
      +002.1  +007.8  +000.4  0193
--------------------------------------------------------------------------------
24    -01.01  +08.77  +01.00  +14.72  -01.32  -00.13  +01.26  +03.35  +00.69
      +001.8  +005.9  +000.4  0191
--------------------------------------------------------------------------------
```

FILE:DAT09

No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	-00.01 +001.9	+10.00 +003.5	+01.00 +000.4	+14.55 0176	-01.70	-00.00	+00.93	+02.75	+00.62
2	-00.01 +002.2	+09.50 +004.6	+01.00 +000.4	+14.83 0180	-01.77	-00.11	+00.87	+03.44	+00.58
3	-00.01 +002.1	+09.00 +006.3	+01.00 +000.4	+14.50 0183	-01.42	-00.13	+01.19	+03.46	+00.72
4	-00.01 +002.1	+08.50 +008.6	+01.00 +000.4	+15.17 0179	-01.21	-00.18	+01.03	+03.41	+00.63
5	-00.01 +002.2	+08.00 +003.3	+01.00 +000.5	+15.22 0184	-01.95	+00.08	+01.17	+03.75	+00.81
6	-00.01 +002.0	+07.50 +002.7	+01.01 +000.4	+15.56 0183	-02.35	+00.07	+01.30	+03.50	+00.78
7	-00.01 +002.1	+07.00 +002.7	+01.01 +000.4	+15.76 0177	-01.95	+00.13	+01.15	+03.26	+00.68
8	-00.01 +002.2	+06.00 +003.8	+01.01 +000.5	+16.83 0186	-01.60	+00.11	+01.40	+04.24	+00.91
9	-00.01 +002.1	+05.50 +004.7	+01.02 +000.5	+16.98 0179	-01.77	-00.02	+01.17	+04.11	+00.91
10	-00.01 +001.7	+04.50 +003.8	+01.02 +000.4	+19.38 0182	-01.81	+00.02	+01.48	+03.80	+00.77
11	-00.01 +001.9	+04.00 +005.7	+01.02 +000.4	+20.58 0177	-01.41	+00.01	+01.42	+04.14	+00.83
12	-00.01 +001.8	+04.30 +004.0	+01.03 +000.4	+19.65 0179	-02.04	-00.03	+01.33	+04.06	+00.84
13	-00.01 +001.7	+04.60 +005.2	+01.03 +000.3	+19.08 0177	-01.44	-00.05	+01.07	+03.46	+00.75
14	-00.01 +001.9	+04.60 +002.9	+01.03 +000.4	+18.92 0177	-02.31	+00.12	+01.25	+04.12	+00.92
15	-00.01 +001.9	+04.30 +003.8	+01.03 +000.5	+19.32 0178	-02.14	+00.08	+01.37	+04.07	+01.01
16	-00.01 +001.6	+04.00 +003.7	+01.03 +000.3	+20.79 0177	-01.97	-00.02	+01.60	+03.89	+00.77
17	-00.01 +001.7	+03.70 +016.6	+01.03 +000.4	+20.90 0265	-00.85	-00.18	+01.40	+05.08	+01.16
18	-00.01 +001.7	+03.40 +024.9	+01.04 +000.3	+23.16 0434	-00.77	-00.38	+01.67	+06.05	+01.06
19	-00.01 +001.6	+03.10 +017.2	+01.04 +000.3	+24.37 0641	-01.01	-00.34	+01.69	+07.89	+01.48

```
20    -00.01  +02.80  +01.04  +25.43  +00.78  +01.52  +02.09  +17.47  +03.77
      +001.6  +022.5  +000.3  2898
```

```
------------------------------------------------------------------------
FILE:DAT10

No.  Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
     DEL<y   DELyz   DELzx   Navg
------------------------------------------------------------------------
 1   +01.00  +10.00  +01.00  +14.14  -01.63  +00.08  +00.94  +03.56  +00.69
     +002.0  +002.9  +000.4  0191
------------------------------------------------------------------------
 2   +01.00  +09.50  +01.00  +14.34  -02.09  -00.01  +01.02  +03.68  +00.75
     +002.0  +003.0  +000.4  0194
------------------------------------------------------------------------
 3   +01.00  +09.00  +01.00  +14.18  -02.06  -00.02  +01.19  +04.36  +00.98
     +002.4  +004.0  +000.6  0194
------------------------------------------------------------------------
 4   +01.00  +08.50  +01.00  +14.90  -02.44  -00.01  +01.04  +04.29  +00.91
     +002.2  +003.0  +000.5  0196
------------------------------------------------------------------------
 5   +01.00  +08.00  +01.00  +15.18  -02.75  +00.16  +01.17  +04.59  +01.03
     +002.4  +002.5  +000.5  0192
------------------------------------------------------------------------
 6   +01.00  +07.00  +01.01  +15.47  -02.72  +00.12  +01.21  +03.94  +00.87
     +002.0  +002.2  +000.5  0192
------------------------------------------------------------------------
 7   +01.00  +06.00  +01.01  +16.50  -03.36  +00.56  +01.19  +04.38  +01.00
     +002.1  +001.4  +000.5  0195
------------------------------------------------------------------------
 8   +01.00  +05.50  +01.02  +17.19  -03.44  +00.52  +00.98  +04.17  +00.88
     +001.9  +001.3  +000.4  0191
------------------------------------------------------------------------
 9   +01.00  +05.00  +01.02  +17.54  -04.01  +00.68  +01.34  +04.51  +00.96
     +001.6  +001.0  +000.4  0364
------------------------------------------------------------------------
10   +01.00  +04.40  +01.02  +18.09  -04.56  +00.82  +01.39  +04.53  +00.91
     +001.5  +000.8  +000.3  0366
------------------------------------------------------------------------
11   +01.00  +04.10  +01.02  +19.02  -04.87  +00.88  +01.27  +04.78  +01.07
     +001.6  +000.9  +000.4  0351
------------------------------------------------------------------------
12   +01.00  +03.80  +01.03  +19.15  -05.76  +01.11  +01.42  +05.15  +01.11
     +001.6  +000.8  +000.4  0358
------------------------------------------------------------------------
13   +01.00  +03.50  +01.03  +19.92  -06.85  +01.29  +01.90  +05.59  +01.19
     +001.6  +000.7  +000.3  0368
------------------------------------------------------------------------
14   +01.00  +03.20  +01.03  +21.07  -06.51  +01.43  +01.79  +06.32  +01.18
     +001.6  +000.8  +000.3  0519
------------------------------------------------------------------------
15   +01.00  +03.00  +01.03  +22.14  -06.32  +01.41  +01.99  +08.36  +01.51
     +002.7  +001.6  +000.5  0343
------------------------------------------------------------------------
16   +01.00  +02.90  +01.03  +21.94  -05.21  +01.64  +02.08  +10.88  +02.06
     +003.1  +002.8  +000.6  0506
------------------------------------------------------------------------
17   +01.00  +02.80  +01.04  +22.19  -05.18  +02.04  +02.11  +12.58  +02.25
     +003.4  +003.8  +000.6  0494
------------------------------------------------------------------------
18   +01.00  +02.70  +01.04  +22.52  -03.95  +02.58  +02.40  +15.00  +02.84
     +003.5  +007.6  +000.7  0660
------------------------------------------------------------------------
19   +01.00  +02.50  +01.04  +22.05  -01.28  +07.33  +02.82  +29.00  +07.35
     +006.6  +018.7  +001.5  0523
------------------------------------------------------------------------
```

23

```
--------------------------------------------------------------------------------
FILE:DAT11

No.   Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy   DELyz   DELzx   Navg
--------------------------------------------------------------------------------
 1    +01.99  +10.00  +01.00  +13.80  -03.03  +00.34  +00.90  +03.98  +00.88
      +002.1  +001.8  +000.6  0518
--------------------------------------------------------------------------------
 2    +01.99  +09.50  +01.00  +14.04  -02.40  +00.00  +01.19  +04.41  +00.93
      +002.5  +003.1  +000.5  0194
--------------------------------------------------------------------------------
 3    +01.99  +09.00  +01.00  +14.40  -03.07  +00.22  +01.14  +04.83  +01.03
      +002.6  +002.1  +000.6  0194
--------------------------------------------------------------------------------
 4    +01.99  +08.50  +01.00  +14.58  -02.96  +00.18  +01.13  +04.92  +01.09
      +002.6  +002.4  +000.6  0193
--------------------------------------------------------------------------------
 5    +01.99  +08.00  +01.00  +14.47  -02.79  +00.18  +00.98  +03.98  +00.89
      +001.8  +001.7  +000.4  0356
--------------------------------------------------------------------------------
 6    +01.99  +07.00  +01.01  +14.92  -03.28  +00.36  +01.09  +04.52  +01.02
      +001.9  +001.3  +000.4  0356
--------------------------------------------------------------------------------
 7    +01.99  +06.50  +01.01  +15.03  -03.49  +00.49  +01.33  +04.73  +00.98
      +002.0  +001.2  +000.4  0355
--------------------------------------------------------------------------------
 8    +01.99  +06.00  +01.01  +15.30  -04.05  +00.65  +01.21  +04.39  +00.94
      +001.8  +001.0  +000.4  0354
--------------------------------------------------------------------------------
 9    +01.99  +05.50  +01.02  +15.69  -03.71  +00.78  +01.22  +05.17  +01.09
      +002.3  +001.5  +000.5  0356
--------------------------------------------------------------------------------
10    +01.99  +05.00  +01.02  +15.66  -04.40  +00.89  +01.47  +04.79  +01.02
      +001.9  +001.0  +000.5  0359
--------------------------------------------------------------------------------
11    +01.99  +04.50  +01.02  +16.20  -05.04  +01.35  +01.49  +04.97  +01.12
      +001.9  +001.0  +000.4  0363
--------------------------------------------------------------------------------
12    +01.99  +04.00  +01.02  +16.01  -06.36  +01.67  +01.42  +05.75  +01.14
      +002.1  +001.0  +000.5  0352
--------------------------------------------------------------------------------
13    +01.99  +03.50  +01.03  +15.87  -07.87  +02.41  +01.78  +06.51  +01.21
      +001.7  +000.8  +000.4  0535
--------------------------------------------------------------------------------
14    +01.99  +03.00  +01.03  +15.86  -09.15  +03.29  +01.78  +07.01  +01.51
      +001.7  +000.9  +000.5  0541
--------------------------------------------------------------------------------
15    +01.99  +02.80  +01.03  +15.36  -09.64  +03.48  +01.94  +07.59  +01.54
      +001.9  +000.9  +000.5  0529
--------------------------------------------------------------------------------
16    +01.99  +02.60  +01.03  +15.02  -09.38  +04.22  +01.95  +08.26  +01.62
      +001.9  +001.1  +000.5  0689
--------------------------------------------------------------------------------
17    +01.99  +02.40  +01.04  +14.23  -08.66  +05.22  +01.95  +10.26  +01.87
      +003.9  +003.2  +000.9  0338
--------------------------------------------------------------------------------
18    +01.99  +02.20  +01.04  +13.39  -06.41  +05.76  +02.20  +14.98  +02.83
      +004.8  +005.2  +000.9  0666
--------------------------------------------------------------------------------
19    +01.99  +02.00  +01.04  +12.52  -06.40  +08.54  +02.57  +22.31  +04.38
      +005.3  +005.6  +000.9  1127
--------------------------------------------------------------------------------
```

```
--------------------------------------------------------------------------------
FILE:DAT12

No.  Xcm      Ycm      Zcm      Um/s     Vm/s     Wm/s     Su       Sv       Sw
     DELxy    DELyz    DELzx    Navg
--------------------------------------------------------------------------------
 1   +02.50   -06.99   +01.00   +13.60   +02.94   +00.58   +01.08   +03.36   +00.80
     +001.4   +002.6   +000.3   0383
--------------------------------------------------------------------------------
 2   +02.50   -06.49   +01.00   +13.70   +03.03   +00.64   +01.37   +03.48   +00.80
     +001.4   +002.6   +000.3   0385
--------------------------------------------------------------------------------
 3   +02.50   -05.99   +01.00   +14.02   +03.68   +00.76   +01.25   +03.76   +00.87
     +001.5   +002.3   +000.4   0380
--------------------------------------------------------------------------------
 4   +02.50   -05.49   +01.00   +14.11   +03.99   +01.04   +01.30   +04.30   +00.93
     +001.6   +002.6   +000.4   0387
--------------------------------------------------------------------------------
 5   +02.50   -04.99   +00.99   +13.16   +03.44   +01.03   +01.35   +03.74   +00.81
     +001.5   +002.8   +000.4   0382
--------------------------------------------------------------------------------
 6   +02.50   -04.49   +00.99   +13.62   +04.41   +01.50   +01.49   +04.31   +00.98
     +001.7   +002.7   +000.4   0385
--------------------------------------------------------------------------------
 7   +02.50   -03.99   +00.99   +13.50   +05.40   +02.02   +01.75   +04.71   +01.02
     +001.7   +002.4   +000.4   0384
--------------------------------------------------------------------------------
 8   +02.50   -03.49   +00.98   +12.71   +06.83   +02.35   +01.68   +08.74   +01.20
     +003.1   +002.9   +000.5   0380
--------------------------------------------------------------------------------
 9   +02.50   -01.49   +00.96   +03.65   +09.08   +05.22   +03.97   +08.59   +02.28
     +002.3   +002.9   +002.4   0692
--------------------------------------------------------------------------------
10   +02.50   -00.99   +00.96   -02.55   +06.97   +05.82   +03.18   +14.60   +04.00
     +002.8   +004.8   +001.8   1326
--------------------------------------------------------------------------------
11   +02.50   -00.49   +00.97   -04.84   -11.55   +13.15   +03.88   +25.40   +06.79
     +002.7   +002.9   +001.0   1404
--------------------------------------------------------------------------------
12   +02.50   +00.01   +00.97   -05.43   -16.31   +18.84   +03.49   +33.18   +08.66
     +001.6   +002.1   +000.5   2149
--------------------------------------------------------------------------------
13   +02.50   +00.51   +00.98   -04.93   +05.71   +11.36   +02.95   +30.32   +06.40
     +006.9   +006.1   +000.8   2078
--------------------------------------------------------------------------------
14   +02.50   +01.01   +00.98   -02.19   +03.15   +05.82   +03.72   +18.20   +03.22
     +011.2   +010.6   +002.2   1033
--------------------------------------------------------------------------------
15   +02.50   +01.51   +00.99   +02.91   -04.79   +05.73   +05.81   +15.22   +02.78
     +009.5   +008.1   +004.7   0384
--------------------------------------------------------------------------------
16   +02.50   +02.01   +00.99   +08.74   -06.43   +04.89   +03.58   +09.69   +01.83
     +004.3   +003.5   +001.4   0377
--------------------------------------------------------------------------------
17   +02.50   +02.51   +00.99   +11.56   -05.96   +04.00   +02.08   +07.77   +01.57
     +003.1   +002.8   +000.8   0383
--------------------------------------------------------------------------------
18   +02.50   +03.01   +00.98   +13.13   -04.92   +02.97   +01.68   +07.32   +01.44
     +002.8   +003.0   +000.6   0384
--------------------------------------------------------------------------------
19   +02.50   +03.51   +00.98   +13.92   -05.42   +02.38   +01.65   +05.98   +01.15
     +002.1   +001.7   +000.5   0384
--------------------------------------------------------------------------------
```

20	+02.50	+04.01	+00.97	+14.22	-05.22	+01.89	+01.50	+05.22	+01.00
	+001.9	+001.3	+000.4	0382					
21	+02.50	+04.51	+00.96	+14.03	-04.43	+01.47	+01.44	+05.43	+01.05
	+002.0	+001.5	+000.4	0387					
22	+02.50	+05.01	+00.96	+13.90	-04.11	+01.11	+01.30	+04.48	+00.86
	+001.7	+001.1	+000.4	0381					
23	+02.50	+05.51	+00.95	+14.08	-03.43	+00.79	+01.36	+04.00	+00.77
	+001.5	+001.0	+000.3	0382					
24	+02.50	+06.01	+00.94	+14.34	-03.75	+00.74	+01.23	+04.33	+00.90
	+001.6	+000.9	+000.4	0382					
25	+02.50	+06.51	+00.94	+14.28	-03.26	+00.52	+01.17	+03.85	+00.76
	+001.5	+000.9	+000.3	0385					
26	+02.50	+07.01	+00.93	+14.36	-03.02	+00.36	+01.01	+03.72	+00.69
	+001.4	+000.9	+000.3	0385					

FILE:DAT13

No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	+03.01 +001.5	-07.99 +002.8	+01.00 +000.3	+12.68 0436	+02.53	+00.41	+01.09	+03.65	+00.82
2	+03.01 +001.6	-07.49 +003.2	+01.00 +000.4	+12.50 0436	+02.61	+00.58	+01.21	+03.84	+00.88
3	+03.01 +001.5	-06.99 +002.7	+01.00 +000.4	+12.31 0436	+02.93	+00.63	+01.20	+03.72	+00.82
4	+03.01 +001.4	-05.99 +002.2	+00.99 +000.4	+13.15 0430	+03.70	+00.77	+01.23	+03.76	+00.88
5	+03.01 +001.7	-05.49 +003.2	+00.98 +000.4	+12.39 0434	+03.25	+01.08	+01.25	+04.13	+00.89
6	+03.01 +001.4	-04.99 +002.0	+00.98 +000.3	+12.71 0428	+04.25	+01.19	+01.47	+03.58	+00.80
7	+03.01 +001.5	-04.49 +002.3	+00.98 +000.4	+12.76 0435	+04.58	+01.58	+01.46	+03.92	+00.94
8	+03.01 +001.6	-03.99 +002.1	+00.98 +000.5	+12.64 0435	+05.56	+01.89	+01.62	+04.55	+01.06
9	+03.01 +001.9	-03.49 +002.7	+00.97 +000.6	+12.12 0434	+05.59	+02.52	+01.73	+05.04	+01.26
10	+03.01 +002.1	-02.99 +002.5	+00.97 +000.6	+10.60 0431	+05.91	+02.65	+01.81	+05.22	+01.18
11	+03.01 +002.9	-02.49 +003.9	+00.97 +000.9	+09.86 0427	+05.79	+03.83	+01.99	+07.00	+01.64
12	+03.01 +002.6	-01.99 +003.1	+00.96 +000.9	+07.67 0750	+06.05	+04.09	+02.09	+06.50	+01.47
13	+03.01 +003.0	-01.49 +003.4	+00.96 +002.1	+03.36 1143	+06.34	+04.22	+04.40	+08.54	+01.93
14	+03.01 +012.1	-00.99 +014.2	+00.96 +003.5	-02.15 0773	+03.01	+03.52	+03.27	+15.80	+03.18
15	+03.01 +010.5	-00.49 +007.7	+00.95 +003.6	-04.58 1255	+03.05	+00.40	+02.00	+22.03	+05.23
16	+03.01 +018.0	+00.51 +072.2	+00.95 +004.7	-04.46 0828	+00.70	+00.61	+02.11	+20.67	+05.34
17	+03.01 +007.9	+01.01 +006.1	+00.95 +002.9	-03.48 0747	-04.08	+03.63	+02.65	+13.43	+03.20
18	+03.01 +004.8	+01.51 +003.7	+00.94 +006.4	-00.86 0429	-06.17	+04.26	+05.24	+11.61	+02.61
19	+03.01 +004.1	+02.01 +002.3	+00.94 +003.5	+04.39 0431	-07.51	+04.35	+05.33	+09.62	+01.99

| 20 | +03.01 | +02.51 | +00.94 | +08.48 | -06.86 | +03.62 | +03.64 | +07.63 | +01.51 |
| | +003.1 | +001.9 | +001.2 | 0429 | | | | | |

| 21 | +03.01 | +03.01 | +00.93 | +11.01 | -07.05 | +02.98 | +02.05 | +06.95 | +01.37 |
| | +002.5 | +001.4 | +000.7 | 0431 | | | | | |

| 22 | +03.01 | +03.51 | +00.93 | +11.94 | -05.34 | +02.41 | +01.69 | +06.74 | +01.14 |
| | +002.6 | +002.0 | +000.5 | 0427 | | | | | |

| 23 | +03.01 | +04.01 | +00.93 | +12.50 | -05.39 | +01.93 | +01.53 | +06.15 | +01.17 |
| | +002.2 | +001.4 | +000.5 | 0433 | | | | | |

| 24 | +03.01 | +04.51 | +00.93 | +12.57 | -04.87 | +01.44 | +01.50 | +04.85 | +00.97 |
| | +001.8 | +001.0 | +000.4 | 0437 | | | | | |

| 25 | +03.01 | +05.01 | +00.92 | +12.72 | -04.38 | +01.24 | +01.35 | +04.95 | +00.94 |
| | +001.9 | +001.1 | +000.4 | 0437 | | | | | |

```
-------------------------------------------------------------------------------
FILE:DAT14

No.   Xcm     Ycm     Zcm     Um/s     Vm/s     Wm/s     Su       Sv       Sw
      DELxy   DELyz   DELzx   Navg

-------------------------------------------------------------------------------
 1    +04.01  -07.99  +01.00  +12.25   +03.50   +00.43   +01.22   +03.20   +00.74
      +001.4  +001.7  +000.3  0383
-------------------------------------------------------------------------------
 2    +04.01  -07.49  +01.00  +12.14   +03.66   +00.49   +01.13   +03.47   +00.74
      +001.5  +001.8  +000.3  0383
-------------------------------------------------------------------------------
 3    +04.01  -06.99  +01.00  +11.86   +03.45   +00.66   +01.23   +03.77   +00.84
      +001.7  +002.4  +000.4  0383
-------------------------------------------------------------------------------
 4    +04.01  -06.49  +00.99  +12.35   +03.38   +00.80   +01.08   +03.71   +00.83
      +001.6  +002.6  +000.4  0382
-------------------------------------------------------------------------------
 5    +04.01  -05.99  +00.99  +12.21   +04.18   +00.81   +01.26   +03.80   +00.81
      +001.6  +001.9  +000.4  0383
-------------------------------------------------------------------------------
 6    +04.01  -05.49  +00.98  +11.95   +03.77   +01.09   +01.32   +03.83   +00.83
      +001.7  +002.6  +000.4  0383
-------------------------------------------------------------------------------
 7    +04.01  -04.99  +00.98  +10.81   +03.46   +01.29   +01.20   +03.77   +00.88
      +001.8  +003.1  +000.5  0390
-------------------------------------------------------------------------------
 8    +04.01  -04.49  +00.97  +11.41   +04.02   +01.61   +01.51   +04.36   +01.06
      +002.0  +003.3  +000.5  0388
-------------------------------------------------------------------------------
 9    +04.01  -03.99  +00.97  +10.70   +04.46   +01.93   +01.61   +04.18   +01.05
      +001.9  +002.9  +000.6  0385
-------------------------------------------------------------------------------
10    +04.01  -03.49  +00.96  +10.29   +04.29   +02.43   +01.77   +05.02   +01.15
      +002.4  +003.9  +000.6  0381
-------------------------------------------------------------------------------
11    +04.01  -02.99  +00.96  +09.04   +04.54   +02.71   +02.23   +05.94   +01.39
      +003.1  +004.4  +000.9  0379
-------------------------------------------------------------------------------
12    +04.01  -02.49  +00.96  +07.98   +05.40   +02.95   +02.82   +07.59   +01.97
      +003.9  +004.8  +001.4  0378
-------------------------------------------------------------------------------
13    +04.01  -01.99  +00.96  +05.79   +04.63   +03.10   +03.06   +06.90   +01.70
      +003.7  +004.4  +001.4  0971
-------------------------------------------------------------------------------
14    +04.01  -01.49  +00.95  +00.78   +05.52   +02.56   +04.08   +10.52   +02.56
      +002.5  +004.3  +004.4  1333
-------------------------------------------------------------------------------
15    +04.01  -00.49  +00.95  -03.02   +06.11   -02.66   +02.54   +23.37   +05.44
      +003.6  +002.2  +002.7  2237
-------------------------------------------------------------------------------
16    +04.01  +00.01  +00.94  -03.83   +06.23   -03.71   +02.54   +20.74   +04.73
      +003.9  +002.8  +001.9  1839
-------------------------------------------------------------------------------
17    +04.01  +00.51  +00.94  -03.43   +04.19   -02.05   +02.72   +20.78   +05.51
      +006.5  +003.2  +003.2  1835
-------------------------------------------------------------------------------
18    +04.01  +01.01  +00.94  -02.43   -00.24   +00.19   +03.31   +19.35   +05.35
      +021.4  +077.0  +005.8  1806
-------------------------------------------------------------------------------
19    +04.01  +01.51  +00.94  -00.24   -03.50   +02.17   +04.63   +11.89   +02.98
      +004.6  +004.5  +007.1  1037
-------------------------------------------------------------------------------
```

20	+04.01	+02.01	+00.93	+03.11	-05.30	+03.16	+05.06	+08.47	+01.81
	+004.9	+003.2	+003.7	0707					

21	+04.01	+02.51	+00.93	+06.68	-06.15	+03.05	+03.28	+05.81	+01.21
	+002.7	+001.4	+001.3	0671					

22	+04.01	+03.01	+00.92	+09.34	-06.05	+02.93	+02.32	+07.02	+01.48
	+003.1	+001.9	+000.9	0377					

23	+04.01	+03.51	+00.92	+10.37	-05.05	+02.34	+01.81	+05.94	+01.13
	+002.7	+001.9	+000.6	0384					

24	+04.01	+04.01	+00.92	+11.02	-05.16	+02.07	+01.58	+05.29	+01.05
	+002.3	+001.5	+000.5	0386					

25	+04.01	+04.51	+00.91	+11.32	-05.06	+01.71	+01.55	+05.43	+00.95
	+002.3	+001.4	+000.5	0386					

26	+04.01	+05.01	+00.91	+12.05	-03.87	+01.22	+01.27	+04.70	+00.96
	+002.0	+001.3	+000.5	0384					

27	+04.01	+05.51	+00.90	+12.27	-04.73	+01.13	+01.19	+03.94	+00.77
	+001.6	+000.7	+000.4	0383					

28	+04.01	+06.01	+00.90	+11.89	-04.04	+00.94	+01.25	+03.93	+00.78
	+001.7	+000.8	+000.4	0386					

29	+04.01	+06.51	+00.90	+12.06	-04.05	+00.78	+01.20	+03.93	+00.80
	+001.7	+000.8	+000.4	0382					

30	+04.01	+07.01	+00.89	+12.04	-03.47	+00.67	+01.11	+03.77	+00.73
	+001.7	+000.9	+000.3	0379					

31	+04.01	+07.51	+00.89	+12.01	-03.30	+00.57	+01.18	+03.73	+00.83
	+001.7	+000.9	+000.4	0381					

32	+04.01	+08.01	+00.89	+12.12	-03.30	+00.44	+01.07	+03.33	+00.70
	+001.5	+000.8	+000.3	0380					

```
--------------------------------------------------------------------------
FILE.DAT15

No.   Xcm      Ycm      Zcm      Um/s     Vm/s     Wm/s     Su       Sv       Sw
      DELxy    DELyz    DELzx    Navg
--------------------------------------------------------------------------
 1    +05.00   -04.96   +01.00   +09.00   +03.73   +01.28   +02.39   +03.48   +00.85
      +002.8   +003.8   +000.8   0191
--------------------------------------------------------------------------
 2    +05.00   -04.46   +01.00   +08.62   +03.38   +01.63   +02.80   +03.79   +00.86
      +003.2   +004.9   +000.9   0191
--------------------------------------------------------------------------
 3    +05.00   -03.96   +01.00   +08.55   +03.28   +01.79   +02.16   +04.04   +00.96
      +003.4   +005.7   +001.0   0191
--------------------------------------------------------------------------
 4    +05.00   -03.46   +00.99   +08.12   +03.24   +02.00   +01.53   +04.99   +00.86
      +003.9   +005.8   +000.7   0476
--------------------------------------------------------------------------
 5    +05.00   -02.96   +00.99   +06.42   +04.47   +02.13   +02.86   +04.38   +00.97
      +003.6   +003.9   +001.4   0341
--------------------------------------------------------------------------
 6    +05.00   -02.46   +00.98   +04.64   +04.80   +02.21   +03.52   +05.31   +01.31
      +004.9   +004.7   +002.5   0339
--------------------------------------------------------------------------
 7    +05.00   -01.96   +00.98   +02.45   +04.80   +02.20   +04.08   +06.72   +01.74
      +004.4   +004.7   +004.0   0668
--------------------------------------------------------------------------
 8    +05.00   -01.46   +00.97   +00.41   +05.44   +01.04   +03.82   +12.21   +03.48
      +002.1   +003.2   +009.2   1535
--------------------------------------------------------------------------
 9    +05.00   -00.96   +00.97   -00.66   +05.72   -01.20   +03.16   +20.29   +04.99
      +001.4   +001.0   +005.6   2997
--------------------------------------------------------------------------
10    +05.00   -00.46   +00.96   -01.45   +05.42   -02.96   +03.01   +19.14   +04.25
      +002.2   +002.4   +002.2   2611
--------------------------------------------------------------------------
11    +05.00   +00.04   +00.95   -01.41   +03.01   -03.55   +02.96   +14.84   +03.38
      +005.7   +005.8   +002.1   1774
--------------------------------------------------------------------------
12    +05.00   +00.54   +00.95   -01.24   -00.28   -02.91   +03.05   +14.89   +03.83
      +032.3   +014.2   +002.7   1783
--------------------------------------------------------------------------
13    +05.00   +01.54   +00.94   +00.59   -03.44   +00.84   +04.22   +13.94   +03.68
      +003.8   +001.6   +010.8   1631
--------------------------------------------------------------------------
14    +05.00   +02.04   +00.94   +03.14   -04.75   +01.97   +04.05   +08.53   +01.99
      +004.5   +001.9   +003.1   0836
--------------------------------------------------------------------------
15    +05.00   +02.54   +00.93   +04.75   -05.01   +02.43   +03.71   +06.36   +01.34
      +004.4   +002.2   +002.1   0510
--------------------------------------------------------------------------
16    +05.00   +03.04   +00.93   +06.10   -04.22   +02.09   +02.74   +05.68   +01.28
      +004.9   +002.8   +001.7   0330
--------------------------------------------------------------------------
17    +05.00   +03.54   +00.93   +08.04   -04.18   +02.08   +01.55   +04.36   +00.98
      +003.1   +002.1   +000.9   0332
--------------------------------------------------------------------------
18    +05.00   +04.54   +00.92   +09.12   -03.96   +01.68   +01.74   +04.78   +01.02
      +003.6   +002.4   +000.9   0190
--------------------------------------------------------------------------
19    +05.00   +05.04   +00.92   +09.80   -03.23   +01.29   +01.54   +04.27   +00.80
      +003.2   +002.7   +000.7   0192
--------------------------------------------------------------------------
```

```
------------------------------------------------------------------------
FILE:DAT16

No.   Xcm      Ycm      Zcm      Um/s     Vm/s     Wm/s     Su       Sv       Sw
      DELxy    DELyz    DELzx    Navg

------------------------------------------------------------------------
 1    +06.00   -07.99   +01.00   +11.74   +02.56   +00.71   +01.14   +03.30   +00.78
      +001.8   +003.8   +000.4   0289
------------------------------------------------------------------------
 2    +06.00   -07.49   +01.00   +11.17   +03.53   +00.73   +01.16   +03.70   +00.78
      +002.0   +002.6   +000.5   0286
------------------------------------------------------------------------
 3    +06.00   -06.99   +01.00   +10.88   +03.30   +00.83   +01.16   +03.99   +00.88
      +002.2   +003.3   +000.5   0292
------------------------------------------------------------------------
 4    +06.00   -05.99   +01.00   +10.75   +02.97   +01.13   +01.33   +03.81   +00.95
      +002.2   +004.4   +000.6   0292
------------------------------------------------------------------------
 5    +06.00   -04.99   +01.00   +09.84   +03.52   +01.40   +01.35   +04.44   +01.06
      +002.6   +004.3   +000.7   0289
------------------------------------------------------------------------
 6    +06.00   -03.99   +00.99   +08.87   +03.78   +01.76   +01.98   +05.05   +01.11
      +003.2   +004.7   +000.9   0285
------------------------------------------------------------------------
 7    +06.00   -02.99   +00.99   +06.95   +03.37   +02.16   +02.64   +07.76   +01.84
      +006.2   +009.3   +001.7   0282
------------------------------------------------------------------------
 8    +06.00   -01.99   +00.98   +03.68   +04.10   +01.58   +03.20   +08.87   +02.11
      +006.1   +005.9   +002.7   0739
------------------------------------------------------------------------
 9    +06.00   +00.01   +00.97   +00.23   +00.48   -02.67   +03.19   +14.63   +03.24
      +065.2   +026.0   +005.8   0552
------------------------------------------------------------------------
10    +06.00   +01.01   +00.97   +01.61   -01.08   -01.86   +03.29   +14.74   +03.84
      +032.1   +033.5   +007.0   0550
------------------------------------------------------------------------
11    +06.00   +03.01   +00.97   +05.77   -02.27   +01.87   +03.51   +07.73   +01.75
      +007.8   +009.0   +002.2   0283
------------------------------------------------------------------------
12    +06.00   +04.01   +00.97   +09.45   -03.74   +01.93   +01.99   +05.61   +01.15
      +003.5   +003.1   +000.8   0282
------------------------------------------------------------------------
13    +06.00   +05.01   +00.96   +10.15   -02.91   +01.30   +01.43   +04.81   +00.92
      +002.9   +003.1   +000.6   0284
------------------------------------------------------------------------
14    +06.00   +06.01   +00.96   +10.49   -03.40   +01.01   +01.15   +03.92   +00.73
      +002.2   +001.5   +000.5   0287
------------------------------------------------------------------------
15    +06.00   +07.01   +00.95   +11.03   -03.43   +00.80   +01.06   +03.83   +00.87
      +002.1   +001.0   +000.5   0292
------------------------------------------------------------------------
16    +06.00   +08.01   +00.95   +11.41   -03.39   +00.64   +01.02   +03.82   +00.80
      +002.0   +001.0   +000.5   0288
------------------------------------------------------------------------
```

No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	+07.50 +001.3	-15.01 +001.8	+01.00 +000.3	+11.33 0383	+02.29	+00.06	+00.79	+02.70	+00.65
2	+07.50 +001.2	-14.01 +001.3	+01.00 +000.3	+11.47 0378	+02.55	+00.05	+00.73	+02.61	+00.54
3	+07.50 +001.5	-13.01 +002.2	+01.00 +000.3	+11.33 0392	+02.10	+00.11	+00.83	+03.03	+00.69
4	+07.50 +001.4	-12.01 +001.6	+01.00 +000.3	+11.56 0380	+02.80	+00.09	+00.78	+02.89	+00.69
5	+07.50 +001.6	-11.01 +002.6	+00.99 +000.4	+11.30 0384	+02.39	+00.28	+00.84	+03.39	+00.75
6	+07 50 +001.5	-10.01 +002.6	+00.99 +000.4	+11.31 0386	+02.42	+00.36	+00.84	+03.17	+00.73
7	+07.50 +001.8	-08.01 +002.8	+00.98 +000.4	+09.90 0382	+02.57	+00.57	+01.06	+03.24	+00.70
8	+07.50 +001.9	-07.01 +002.9	+00.97 +000.5	+09.54 0383	+02.84	+00.70	+01.16	+03.46	+00.77
9	+07.50 +002.2	-06.01 +003.6	+00.97 +000.6	+09.18 0381	+02.87	+00.87	+01.41	+03.87	+00.90
10	+07.50 +003.2	-05.01 +005.7	+00.96 +000.8	+07.52 0382	+02.50	+01.23	+01.81	+04.60	+01.00
11	+07.50 +004.8	-04.01 +006.7	+00.96 +001.2	+06.19 0377	+02.74	+01.27	+02.50	+05.97	+01.31
12	+07.50 +006.5	-03.01 +008.2	+00.95 +001.9	+04.60 0672	+02.51	+01.19	+02.33	+06.72	+01.56
13	+07.50 +008.6	-01.01 +006.0	+00.95 +002.8	+02.68 1427	+02.55	-01.78	+02.04	+13.93	+03.18
14	+07.50 +009.2	-00.01 +007.7	+00.94 +002.5	+02.30 1043	+02.31	-02.56	+02.18	+10.81	+02.29
15	+07.50 +005.4	+00.99 +003.9	+00.94 +002.2	+02.41 2101	+03.35	-01.95	+01.94	+13.13	+02.82
16	+07.50 +015.1	+01.99 +013.4	+00.94 +003.9	+02.53 1355	+00.99	+00.10	+02.24	+12.63	+03.23
17	+07.50 +007.9	+02.99 +010.7	+00.93 +001.9	+04.20 0694	-01.42	+01.23	+02.52	+07.27	+01.53
18	+07.50 +004.9	+03.99 +002.7	+00.93 +001.4	+05.82 0379	-03.59	+01.54	+02.58	+06.63	+01.43
19	+07.50 +003.2	+04.99 +002.7	+00.93 +000.7	+07.65 0380	-02.70	+01.14	+02.17	+04.78	+00.95

20	+07.50	+05.99	+00.92	+08.87	-02.78	+00.92	+01.52	+04.17	+00.83
	+002.5	+001.8	+000.5	0382					
21	+07.50	+06.99	+00.92	+09.42	-02.95	+00.65	+01.27	+04.00	+00.80
	+002.2	+001.1	+000.5	0380					
22	+07.50	+07.99	+00.92	+10.17	-02.95	+00.49	+01.12	+03.59	+00.77
	+001.9	+000.9	+000.4	0384					
23	+07.50	+08.99	+00.92	+10.51	-02.66	+00.40	+01.11	+03.58	+00.73
	+001.8	+001.0	+000.4	0386					
24	+07.50	+09.99	+00.91	+10.42	-02.51	+00.25	+01.10	+03.68	+00.81
	+001.9	+001.3	+000.4	0391					
25	+07.50	+10.99	+00.90	+10.91	-02.82	+00.21	+00.96	+03.55	+00.76
	+001.7	+001.2	+000.4	0385					
26	+07.50	+11.99	+00.90	+11.43	-02.74	+00.08	+00.87	+03.35	+00.67
	+001.6	+001.2	+000.3	0382					
27	+07.50	+12.99	+00.89	+11.14	-02.69	+00.18	+00.87	+03.43	+00.74
	+001.7	+001.2	+000.4	0389					
28	+07.50	+13.99	+00.89	+11.04	-02.00	-00.00	+00.82	+03.58	+00.79
	+001.8	+002.3	+000.4	0386					
29	+07.50	+14.99	+00.88	+11.04	-01.91	-00.04	+00.79	+03.19	+00.68
	+001.6	+002.2	+000.4	0382					

```
--------------------------------------------------------------------------
FILE:DAT18

No.   Xcm      Ycm      Zcm      Um/s    Vm/s     Wm/s     Su       Sv       Sw
      DELxy    DELyz    DELzx    Navg

--------------------------------------------------------------------------
 1    +09.99   -10.02   +01.00   +10.87  +02.57   +00.39   +01.06   +02.61   +00.59
      +001.5   +002.3   +000.4   0286
--------------------------------------------------------------------------
 2    +09.99   -09.02   +01.00   +09.79  +02.68   +00.47   +01.22   +02.64   +00.61
      +001.7   +002.4   +000.4   0288
--------------------------------------------------------------------------
 3    +09.99   -08.02   +01.00   +09.84  +02.90   +00.60   +01.27   +02.94   +00.71
      +001.8   +002.7   +000.5   0286
--------------------------------------------------------------------------
 4    +09.99   -07.02   +01.00   +09.03  +02.67   +00.83   +01.44   +03.33   +00.80
      +002.3   +003.9   +000.6   0288
--------------------------------------------------------------------------
 5    +09.99   -06.02   +01.00   +08.38  +02.66   +00.98   +01.90   +03.69   +00.87
      +002.7   +004.6   +000.7   0285
--------------------------------------------------------------------------
 6    +09.99   -05.02   +00.99   +07.13  +02.32   +01.12   +02.11   +04.71   +01.12
      +004.0   +007.5   +001.1   0286
--------------------------------------------------------------------------
 7    +09.99   -04.02   +00.99   +05.74  +02.48   +01.10   +02.21   +04.64   +01.12
      +004.4   +006.3   +001.2   0503
--------------------------------------------------------------------------
 8    +09.99   -03.02   +00.99   +04.64  +02.54   +00.81   +02.24   +06.53   +01.57
      +005.6   +006.2   +001.6   0753
--------------------------------------------------------------------------
 9    +09.99   -02.02   +00.98   +03.53  +01.08   -00.03   +02.07   +11.07   +02.64
      +009.3   +007.2   +002.4   1337
--------------------------------------------------------------------------
10    +09.99   -01.02   +00.98   +03.64  +00.11   -01.02   +02.11   +11.91   +02.78
      +010.2   +035.4   +002.4   1371
--------------------------------------------------------------------------
11    +09.99   -00.02   +00.98   +03.35  +00.09   -01.44   +02.30   +10.24   +02.62
      +016.4   +037.1   +003.6   0536
--------------------------------------------------------------------------
12    +09.99   +00.98   +00.97   +03.55  +00.45   -01.52   +02.32   +10.19   +02.52
      +015.0   +030.5   +003.3   0535
--------------------------------------------------------------------------
13    +09.99   +01.98   +00.97   +03.48  +00.18   -00.37   +02.19   +10.48   +02.65
      +015.7   +105.6   +003.9   0537
--------------------------------------------------------------------------
14    +09.99   +02.98   +00.97   +04.14  -00.97   +00.60   +02.27   +08.81   +02.24
      +010.8   +015.5   +002.8   0529
--------------------------------------------------------------------------
15    +09.99   +03.98   +00.96   +05.50  -02.63   +01.14   +02.57   +07.77   +01.91
      +007.7   +004.6   +002.3   0284
--------------------------------------------------------------------------
16    +09.99   +04.98   +00.96   +07.13  -02.75   +01.27   +02.55   +05.69   +01.38
      +004.7   +003.5   +001.3   0285
--------------------------------------------------------------------------
17    +09.99   +05.98   +00.96   +08.32  -03.15   +01.10   +02.09   +04.76   +01.02
      +003.4   +002.0   +000.8   0285
--------------------------------------------------------------------------
18    +09.99   +06.98   +00.95   +09.18  -02.93   +00.86   +01.42   +03.75   +00.84
      +002.5   +001.4   +000.6   0287
--------------------------------------------------------------------------
19    +09.99   +07.98   +00.94   +09.81  -03.09   +00.71   +01.44   +03.47   +00.76
      +002.1   +001.1   +000.5   0290
--------------------------------------------------------------------------
```

```
20   +09.99  +08.98  +00.94  +10.17  -03.34  +00.62  +01.25  +03.35  +00.76
     +002.0  +000.9  +000.5  0287
-------------------------------------------------------------------------------
21   +09.99  +09.98  +00.93  +10.45  -02.61  +00.28  +01.19  +02.85  +00.62
     +001.7  +001.1  +000.4  0288
-------------------------------------------------------------------------------
```

No.	Xcm	Ycm	Zcm	Um/s	Vm/s	Wm/s	Su	Sv	Sw
	DELxy	DELyz	DELzx	Navg					
1	+15.00	-10.02	+01.00	+09.56	+02.18	+00.40	+01.18	+03.01	+00.71
	+002.0	+003.5	+000.5	0288					
2	+15.00	-09.02	+01.00	+09.04	+02.42	+00.39	+01.46	+03.04	+00.73
	+002.1	+003.0	+000.5	0289					
3	+15.00	-08.02	+01.00	+08.45	+01.60	+00.55	+01.67	+03.89	+00.92
	+003.0	+007.8	+000.7	0288					
4	+15.00	-07.02	+01.00	+07.53	+01.88	+00.59	+01.83	+04.10	+01.00
	+003.4	+007.0	+000.9	0285					
5	+15.00	-06.02	+01.00	+06.20	+01.51	+00.68	+02.12	+04.76	+01.16
	+004.9	+011.5	+001.2	0285					
6	+15.00	-05.02	+00.99	+05.27	+01.20	+00.73	+01.85	+06.14	+01.52
	+007.4	+020.6	+001.9	0283					
7	+15.00	-04.02	+00.99	+04.30	+01.16	+00.29	+01.91	+07.29	+01.63
	+010.5	+017.8	+002.5	0284					
8	+15.00	-03.02	+00.98	+04.74	+00.35	+00.04	+01.94	+08.24	+01.83
	+011.5	+049.1	+002.6	0285					
9	+15.00	-02.02	+00.98	+04.31	+00.39	-00.43	+01.54	+08.43	+02.13
	+009.7	+045.3	+002.4	0542					
10	+15.00	-01.02	+00.97	+04.22	+00.29	-00.84	+01.93	+08.67	+02.07
	+013.6	+057.2	+003.2	0286					
11	+15.00	-00.02	+00.97	+04.04	+00.68	-01.06	+01.82	+08.56	+02.03
	+013.6	+033.6	+003.2	0288					
12	+15.00	+00.98	+00.97	+04.27	+00.77	-00.81	+01.66	+08.20	+01.96
	+009.6	+022.9	+002.3	0534					
13	+15.00	+01.98	+00.96	+04.21	+00.20	-00.49	+01.73	+08.64	+02.17
	+010.3	+070.6	+002.5	0546					
14	+15.00	+02.98	+00.96	+04.08	+00.42	-00.05	+01.46	+08.53	+02.13
	+010.5	+016.7	+002.7	0539					
15	+15.00	+03.98	+00.96	+04.16	-00.26	+00.38	+02.02	+08.31	+01.96
	+013.2	+085.8	+003.1	0287					
16	+15.00	+04.98	+00.95	+05.27	-00.90	+00.55	+02.06	+06.95	+01.55
	+008.5	+017.5	+002.0	0283					
17	+15.00	+05.98	+00.95	+06.04	-01.97	+00.75	+02.16	+05.71	+01.25
	+005.7	+004.2	+001.4	0287					
18	+15.00	+06.98	+00.94	+06.93	-02.43	+00.75	+02.23	+04.84	+01.13
	+004.2	+002.2	+001.1	0283					
19	+15.00	+07.98	+00.94	+08.12	-02.86	+00.65	+01.79	+03.96	+00.98
	+002.9	+001.2	+000.8	0283					

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```
20    +15.00  +08.98  +00.93  +08.94  -02.37  +00.48  +01.54  +03.47  +00.71
      +002.4  +001.3  +000.5  0286
------------------------------------------------------------------------------
21    +15.00  +09.98  +00.93  +09.44  -02.18  +00.29  +01.40  +03.20  +00.72
      +002.1  +001.4  +000.5  0285
------------------------------------------------------------------------------
```

FILE.DAT20

No.	Xcm	Ycm	Zcm	Um/s	Vm/s	Wm/s	Su	Sv	Sw
	DELxy	DELyz	DELzx	Navg					
1	+20.00	-14.00	+01.01	+09.86	+02.11	+00.12	+00.94	+02.94	+00.67
	+001.6	+002.2	+000.4	0383					
2	+20.00	-12.00	+01.01	+09.60	+01.89	+00.26	+01.09	+03.27	+00.78
	+001.9	+003.4	+000.5	0382					
3	+20.00	-10.00	+01.00	+08.59	+02.13	+00.28	+01.35	+03.75	+00.83
	+002.4	+003.3	+000.6	0382					
4	+20.00	-08.00	+01.00	+06.92	+02.06	+00.25	+01.86	+04.56	+01.02
	+003.5	+004.1	+000.8	0383					
5	+20.00	-06.00	+01.00	+05.56	+01.15	+00.33	+01.52	+04.34	+00.98
	+003.6	+007.9	+000.8	0695					
6	+20.00	-04.00	+01.00	+04.68	+01.10	-00.12	+01.63	+06.81	+01.59
	+008.0	+005.7	+001.9	0381					
7	+20.00	-02.00	+00.99	+04.91	+00.05	-00.36	+01.71	+07.44	+01.77
	+008.7	+114.5	+002.1	0384					
8	+20.00	-00.00	+00.98	+05.17	+00.59	-00.83	+01.55	+07.12	+01.61
	+007.8	+029.3	+001.8	0379					
9	+20.00	+02.00	+00.98	+04.76	-00.44	-00.33	+01.64	+07.77	+01.87
	+009.3	+061.1	+002.2	0384					
10	+20.00	+04.00	+00.97	+04.55	-00.95	+00.35	+01.64	+07.43	+01.60
	+009.0	+009.8	+002.0	0382					
11	+20.00	+06.00	+00.97	+05.32	-00.42	+00.32	+01.78	+06.13	+01.30
	+006.6	+032.7	+001.4	0382					
12	+20.00	+08.00	+00.96	+06.63	-00.93	+00.32	+02.05	+05.16	+01.06
	+004.4	+006.7	+000.9	0384					
13	+20.00	+10.00	+00.95	+08.33	-01.35	+00.31	+01.48	+05.27	+01.09
	+003.5	+003.2	+000.8	0384					
14	+20.00	+12.00	+00.95	+09.18	-02.00	+00.40	+01.26	+04.63	+01.02
	+002.7	+001.8	+000.6	0386					
15	+20.00	+14.00	+00.94	+09.79	-01.45	+00.23	+00.99	+04.84	+01.06
	+002.7	+002.5	+000.6	0384					

```
------------------------------------------------------------------------
FILE:DAT21

No.   Xcm      Ycm      Zcm      Um/s     Vm/s     Wm/s     Su       Sv       Sw
      DELxy    DELyz    DELzx    Navg
------------------------------------------------------------------------
 1    +25.00   -15.01   +01.00   +08.93   +02.35   -00.02   +00.91   +02.75   +00.65
      +001.7   +001.6   +000.4   0377
------------------------------------------------------------------------
 2    +25.00   -14.01   +01.00   +08.77   +01.20   +00.10   +01.03   +03.16   +00.73
      +002.0   +004.5   +000.5   0383
------------------------------------------------------------------------
 3    +25.00   -13.01   +01.00   +08.08   +01.67   +00.02   +01.12   +03.42   +00.74
      +002.3   +002.6   +000.5   0384
------------------------------------------------------------------------
 4    +25.00   -12.01   +01.00   +07.96   +01.19   +00.16   +01.28   +03.27   +00.79
      +002.3   +005.5   +000.6   0386
------------------------------------------------------------------------
 5    +25.00   -11.01   +01.00   +07.77   +01.48   +00.05   +01.27   +03.69   +00.90
      +002.6   +003.9   +000.7   0382
------------------------------------------------------------------------
 6    +25.00   -10.01   +00.99   +07.14   +00.58   +00.16   +01.33   +04.09   +00.94
      +003.2   +017.9   +000.8   0386
------------------------------------------------------------------------
 7    +25.00   -09.01   +00.99   +06.74   +01.47   +00.03   +01.54   +04.29   +01.07
      +003.5   +004.5   +000.9   0382
------------------------------------------------------------------------
 8    +25.00   -08.01   +00.99   +06.26   +00.45   +00.23   +01.60   +04.99   +01.06
      +004.5   +034.4   +001.0   0382
------------------------------------------------------------------------
 9    +25.00   -07.01   +00.98   +05.60   +00.10   +00.20   +01.42   +04.44   +00.98
      +003.6   +088.5   +000.8   0719
------------------------------------------------------------------------
10    +25.00   -06.01   +00.98   +05.15   +00.07   +00.05   +01.21   +04.58   +01.02
      +004.1   +182.6   +000.9   0706
------------------------------------------------------------------------
11    +25.00   -05.01   +00.97   +05.03   -00.16   -00.03   +01.21   +04.91   +01.17
      +004.5   +056.3   +001.1   0710
------------------------------------------------------------------------
12    +25.00   -04.01   +00.97   +04.99   -00.20   -00.16   +01.29   +05.16   +01.19
      +004.6   +071.3   +001.1   0711
------------------------------------------------------------------------
13    +25.00   -03.01   +00.97   +05.06   -00.55   -00.22   +01.22   +05.25   +01.23
      +004.6   +022.2   +001.1   0711
------------------------------------------------------------------------
14    +25.00   -02.01   +00.96   +05.45   -00.45   -00.34   +01.27   +05.56   +01.39
      +004.4   +033.0   +001.1   0727
------------------------------------------------------------------------
15    +25.00   -00.01   +00.95   +05.59   +00.76   -00.65   +01.20   +05.33   +01.27
      +004.3   +012.6   +001.0   0712
------------------------------------------------------------------------
16    +25.00   +00.99   +00.95   +05.60   +01.09   -00.58   +01.30   +05.44   +01.27
      +004.2   +006.4   +001.0   0719
------------------------------------------------------------------------
17    +25.00   +01.99   +00.94   +05.28   +01.19   -00.35   +01.19   +05.54   +01.25
      +004.5   +003.5   +001.1   0713
------------------------------------------------------------------------
18    +25.00   +02.99   +00.94   +05.11   +01.45   -00.28   +01.31   +05.25   +01.22
      +004.8   +002.4   +001.1   0684
------------------------------------------------------------------------
19    +25.00   +03.99   +00.94   +04.82   +00.72   -00.05   +01.23   +05.27   +01.19
      +004.9   +006.1   +001.1   0706
------------------------------------------------------------------------
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20	+25.00	+04.99	+00.93	+04.88	+00.29	+00.17	+01.27	+05.00	+01.18
	+004.7	+046.1	+001.1	0703					
21	+25.00	+05.99	+00.93	+04.94	+00.01	+00.23	+01.16	+04.94	+01.10
	+004.8	+102.7	+001.1	0697					
22	+25.00	+06.99	+00.93	+05.19	+00.16	+00.21	+01.24	+04.89	+01.04
	+004.4	+079.3	+000.9	0703					
23	+25.00	+08.99	+00.92	+06.11	-00.39	+00.21	+01.49	+04.32	+00.93
	+003.4	+016.5	+000.7	0717					
24	+25.00	+09.99	+00.91	+06.71	-00.94	+00.24	+01.29	+04.05	+00.84
	+002.9	+003.4	+000.6	0699					
25	+25.00	+11.99	+00.90	+08.23	-01.53	+00.27	+01.26	+04.18	+00.85
	+002.8	+002.1	+000.6	0385					
26	+25.00	+12.99	+00.90	+08.21	-01.52	+00.12	+01.25	+04.14	+00.83
	+002.8	+002.4	+000.6	0383					
27	+25.00	+13.99	+00.89	+08.29	-01.70	+00.16	+01.04	+03.68	+00.76
	+002.4	+001.8	+000.5	0385					

```
----------------------------------------------------------------
FILE:DAT22

No.  Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
     DELxy   DELyz   DELzx   Navg
----------------------------------------------------------------
 1   +30.00  -20.01  +01.00  +08.97  +01.80  +00.04  +00.77  +02.50  +00.65
     +001.5  +002.2  +000.4  0383
----------------------------------------------------------------
 2   +30.00  -17.51  +01.00  +08.87  +01.49  +00.06  +00.77  +02.66  +00.69
     +001.7  +003.0  +000.4  0380
----------------------------------------------------------------
 3   +30.00  -15.01  +01.00  +08.30  +01.60  +00.02  +01.01  +02.85  +00.68
     +001.9  +002.5  +000.5  0382
----------------------------------------------------------------
 4   +30.00  -12.51  +01.00  +07.89  +01.57  +00.05  +00.99  +03.06  +00.76
     +002.1  +003.1  +000.6  0384
----------------------------------------------------------------
 5   +30.00  -10.01  +00.99  +07.17  +00.89  +00.15  +01.37  +03.60  +00.86
     +002.8  +008.8  +000.7  0383
----------------------------------------------------------------
 6   +30.00  -07.51  +00.99  +06.04  +00.81  +00.08  +01.43  +04.37  +01.05
     +004.1  +009.8  +001.0  0382
----------------------------------------------------------------
 7   +30.00  -05.01  +00.99  +05.35  +00.08  -00.01  +01.40  +04.90  +01.21
     +005.3  +052.5  +001.3  0381
----------------------------------------------------------------
 8   +30.00  -02.51  +00.99  +05.63  -00.25  -00.22  +01.37  +05.02  +01.24
     +004.0  +053.7  +001.0  0726
----------------------------------------------------------------
 9   +30.00  -00.01  +00.98  +06.07  +00.99  -00.62  +01.32  +04.91  +01.18
     +003.5  +007.1  +000.9  0730
----------------------------------------------------------------
10   +30.00  +02.49  +00.98  +05.75  +01.11  -00.48  +01.26  +05.09  +01.19
     +003.9  +004.9  +000.9  0713
----------------------------------------------------------------
11   +30.00  +04.99  +00.98  +05.31  +01.03  +00.07  +01.31  +05.02  +01.16
     +004.1  +006.3  +001.0  0719
----------------------------------------------------------------
12   +30.00  +07.49  +00.97  +05.52  +00.53  +00.11  +01.29  +04.44  +00.95
     +003.7  +015.1  +000.8  0710
----------------------------------------------------------------
13   +30.00  +09.99  +00.97  +06.67  -00.46  +00.08  +01.42  +04.33  +00.98
     +003.7  +007.3  +000.8  0385
----------------------------------------------------------------
14   +30.00  +12.49  +00.96  +07.79  -00.71  +00.09  +01.32  +04.21  +00.92
     +003.0  +004.9  +000.7  0384
----------------------------------------------------------------
15   +30.00  +14.99  +00.95  +08.49  -01.19  +00.09  +01.02  +03.80  +00.94
     +002.6  +003.4  +000.6  0383
----------------------------------------------------------------
16   +30.00  +17.49  +00.95  +08.86  -01.00  +00.04  +00.91  +03.90  +00.88
     +002.5  +004.3  +000.6  0386
----------------------------------------------------------------
17   +30.00  +19.99  +00.94  +09.20  -00.85  -00.07  +00.94  +03.93  +00.86
     +002.4  +007.5  +000.5  0388
----------------------------------------------------------------
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FILE:DAT23
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No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	+35.49 +004.7	-25.01 +009.2	+01.00 +001.3	+09.41 0048	+01.22	-00.04	+00.93	+02.81	+00.75
2	+35.49 +003.4	-22.51 +003.6	+01.00 +000.8	+09.13 0047	+01.49	-00.18	+01.11	+01.93	+00.47
3	+35.49 +006.0	-20.01 +017.0	+01.00 +001.3	+08.82 0048	+00.61	-00.02	+00.70	+03.30	+00.71
4	+35.49 +004.6	-17.51 +009.5	+00.99 +001.2	+08.59 0049	+01.12	+00.01	+01.03	+02.49	+00.64
5	+35.49 +005.5	-15.01 +007.9	+00.99 +001.3	+07.71 0047	+01.23	+00.01	+00.74	+02.64	+00.59
6	+35.49 +007.6	-12.51 +068.5	+00.99 +001.8	+07.18 0048	-00.32	+00.27	+01.08	+03.36	+00.80
7	+35.49 +007.8	-10.01 +021.5	+00.98 +001.8	+06.98 0048	+00.73	+00.06	+01.34	+03.32	+00.77
8	+35.49 +008.9	-07.51 +016.5	+00.98 +001.6	+06.26 0087	+00.71	+00.03	+01.24	+04.59	+00.85
9	+35.49 +007.0	-05.01 +005.0	+00.97 +001.7	+06.20 0131	-01.41	+00.16	+00.96	+04.67	+01.08
10	+35.49 +007.8	-02.51 +011.3	+00.97 +001.8	+06.25 0086	-01.26	-00.08	+01.29	+03.70	+00.87
11	+35.49 +008.0	-00.01 +046.0	+00.96 +001.7	+06.41 0134	-00.59	-00.31	+00.99	+05.01	+01.16
12	+35.49 +008.0	+02.49 +007.9	+00.96 +001.9	+06.12 0135	+01.03	-00.31	+01.15	+04.65	+01.12
13	+35.49 +009.3	+04.99 +005.5	+00.95 +002.3	+05.58 0088	+01.40	-00.22	+00.98	+04.45	+00.97
14	+35.49 +009.5	+07.49 +006.6	+00.94 +002.1	+05.75 0087	+01.16	-00.18	+00.84	+04.68	+00.94
15	+35.49 +006.7	+09.99 +029.0	+00.94 +001.4	+06.81 0087	-00.32	+00.12	+01.32	+03.43	+00.72
16	+35.49 +006.4	+12.49 +208.1	+00.93 +001.1	+07.41 0131	-00.10	+00.13	+01.16	+04.00	+00.74
17	+35.49 +007.3	+14.99 +059.2	+00.92 +001.6	+07.81 0049	-00.43	-00.12	+01.05	+03.56	+00.78
18	+35.49 +004.6	+17.49 +004.1	+00.92 +000.9	+08.38 0091	-01.27	+00.13	+00.79	+03.01	+00.55
19	+35.49 +004.9	+19.99 +003.1	+00.91 +000.8	+08.40 0087	-01.89	+00.07	+00.92	+03.02	+00.45

```
20    +35.49  +22.49  +00.91  +08.72  -01.06  -00.05  +00.95  +03.05  +00.61
      +004.6  +008.6  +000.9  0091
------------------------------------------------------------------------------
21    +35.49  +24.99  +00.90  +08.68  -00.70  -00.13  +01.07  +03.70  +00.74
      +004.8  +020.2  +000.9  0097
------------------------------------------------------------------------------
```

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------------------------------------------------------------------------
FILE:DAT24

No.  Xcm     Ycm     Zcm     Um/s     Vm/s     Wm/s     Su       Sv       Sw
     DELxy   DELyz   DELzx   Navg

------------------------------------------------------------------------
 1   -05.00  -06.99  +02.01  +13.74  +00.26  -00.52  +00.75  +03.04  +00.62
     +001.5  +030.9  +000.3  0355
------------------------------------------------------------------------
 2   -05.00  -05.99  +02.01  +13.44  +00.18  -00.56  +00.68  +03.36  +00.68
     +001.9  +038.9  +000.3  0340
------------------------------------------------------------------------
 3   -05.00  -04.99  +02.00  +13.19  -00.02  -00.75  +00.74  +03.33  +00.73
     +001.8  +031.7  +000.4  0344
------------------------------------------------------------------------
 4   -05.00  -03.99  +02.00  +12.66  -00.51  -00.82  +00.83  +03.61  +00.68
     +002.2  +027.0  +000.4  0342
------------------------------------------------------------------------
 5   -05.00  -02.99  +01.99  +11.70  -00.73  -00.82  +00.90  +04.21  +00.77
     +002.3  +019.9  +000.4  0519
------------------------------------------------------------------------
 6   -05.00  -01.99  +01.99  +11.00  -00.58  -01.04  +00.84  +04.12  +00.87
     +002.1  +019.1  +000.4  0509
------------------------------------------------------------------------
 7   -05.00  -00.99  +01.98  +10.81  -00.60  -00.94  +00.68  +02.95  +00.67
     +001.9  +017.2  +000.4  0346
------------------------------------------------------------------------
 8   -05.00  +00.01  +01.98  +10.31  +00.80  -01.13  +00.79  +03.75  +00.75
     +002.5  +013.7  +000.5  0338
------------------------------------------------------------------------
 9   -05.00  +01.01  +01.97  +11.39  +01.16  -00.99  +00.67  +03.06  +00.62
     +002.1  +008.7  +000.4  0340
------------------------------------------------------------------------
10   -05.00  +02.01  +01.97  +12.22  +02.00  -01.02  +00.73  +03.17  +00.69
     +001.8  +003.3  +000.4  0347
------------------------------------------------------------------------
11   -05.00  +03.01  +01.96  +12.84  +02.45  -00.98  +00.70  +03.51  +00.71
     +001.8  +002.3  +000.4  0351
------------------------------------------------------------------------
12   -05.00  +04.01  +01.96  +13.39  +01.74  -00.78  +00.70  +02.89  +00.55
     +001.5  +003.2  +000.3  0350
------------------------------------------------------------------------
13   -05.00  +05.01  +01.95  +14.05  +01.03  -00.56  +00.81  +03.27  +00.74
     +001.9  +007.7  +000.4  0194
------------------------------------------------------------------------
14   -05.00  +06.01  +01.95  +14.19  +00.92  -00.52  +00.87  +03.49  +00.74
     +002.0  +010.0  +000.4  0193
------------------------------------------------------------------------
15   -05.00  +07.01  +01.95  +14.32  +00.54  -00.47  +00.73  +03.29  +00.76
     +001.9  +019.7  +000.4  0191
------------------------------------------------------------------------
```

```
------------------------------------------------------------------------------
FILE:DAT25

No.   Xcm     Ycm     Zcm     Um/s     Vm/s     Wm/s     Su       Sv       Sw
      DELxy   DELyz   DELzx   Navg
------------------------------------------------------------------------------
 1    -04.00  -06.99  +02.00  +14.08  -00.98   -00.42   +00.68   +01.92   +00.43
      +001.6  +012.0  +000.3  0172
------------------------------------------------------------------------------
 2    -04.00  -06.49  +02.00  +14.25  -00.80   -00.56   +00.83   +02.15   +00.43
      +001.7  +017.9  +000.4  0094
------------------------------------------------------------------------------
 3    -04.00  -05.99  +02.00  +14.52  -01.17   -00.60   +00.57   +01.84   +00.44
      +001.4  +010.0  +000.3  0170
------------------------------------------------------------------------------
 4    -04.00  -05.49  +02.00  +14.35  -01.56   -00.44   +00.62   +01.84   +00.41
      +001.5  +005.8  +000.3  0096
------------------------------------------------------------------------------
 5    -04.00  -04.99  +01.99  +14.11  -01.23   -00.71   +00.65   +02.56   +00.53
      +002.0  +013.4  +000.4  0095
------------------------------------------------------------------------------
 6    -04.00  -04.49  +01.99  +13.88  -01.92   -00.76   +00.88   +02.05   +00.38
      +001.5  +005.2  +000.3  0171
------------------------------------------------------------------------------
 7    -04.00  -03.99  +01.99  +13.85  -02.35   -00.82   +00.67   +02.33   +00.48
      +001.5  +004.6  +000.3  0173
------------------------------------------------------------------------------
 8    -04.00  -03.49  +01.99  +13.55  -02.71   -00.96   +00.69   +02.60   +00.63
      +001.9  +005.0  +000.5  0176
------------------------------------------------------------------------------
 9    -04.00  -02.99  +01.98  +12.68  -02.55   -01.09   +00.71   +02.15   +00.48
      +001.6  +004.5  +000.4  0166
------------------------------------------------------------------------------
10    -04.00  -02.49  +01.98  +12.33  -03.02   -01.11   +00.65   +02.19   +00.45
      +001.6  +003.4  +000.4  0169
------------------------------------------------------------------------------
11    -04.00  -01.99  +01.98  +11.46  -03.12   -01.17   +00.65   +02.63   +00.54
      +002.0  +004.0  +000.5  0171
------------------------------------------------------------------------------
12    -04.00  -01.49  +01.97  +10.39  -02.76   -01.36   +00.80   +02.69   +00.64
      +002.3  +005.3  +000.6  0167
------------------------------------------------------------------------------
13    -04.00  -00.99  +01.97  +09.77  -01.97   -01.33   +00.84   +02.61   +00.52
      +002.4  +007.3  +000.5  0169
------------------------------------------------------------------------------
14    -04.00  -00.49  +01.97  +09.33  -01.22   -01.44   +00.67   +03.02   +00.72
      +003.0  +013.5  +000.7  0170
------------------------------------------------------------------------------
15    -04.00  +00.01  +01.97  +09.63  +00.14   -01.45   +00.67   +02.37   +00.54
      +002.4  +015.5  +000.5  0177
------------------------------------------------------------------------------
16    -04.00  +00.51  +01.96  +09.81  +00.79   -01.58   +00.77   +02.88   +00.67
      +002.8  +012.4  +000.6  0168
------------------------------------------------------------------------------
17    -04.00  +01.01  +01.96  +10.40  +01.72   -01.37   +00.68   +02.45   +00.50
      +002.2  +005.6  +000.5  0178
------------------------------------------------------------------------------
18    -04.00  +01.51  +01.96  +11.08  +01.57   -01.27   +00.79   +02.60   +00.65
      +002.3  +006.4  +000.6  0174
------------------------------------------------------------------------------
19    -04.00  +02.01  +01.95  +11.86  +02.61   -01.30   +00.82   +02.78   +00.69
      +002.3  +002.9  +000.6  0175
------------------------------------------------------------------------------
```

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```
20    -04.00   +02.51   +01.95   +12.52   +02.25   -01.20   +00.77   +02.11   +00.47
      +001.7   +002.8   +000.4   0163
-----------------------------------------------------------------------------------
21    -04.00   +03.01   +01.95   +13.21   +01.86   -01.01   +00.68   +02.14   +00.48
      +001.6   +003.4   +000.4   0174
-----------------------------------------------------------------------------------
22    -04.00   +03.51   +01.95   +13.88   +00.99   -00.77   +00.94   +02.50   +00.57
      +002.1   +011.1   +000.5   0095
-----------------------------------------------------------------------------------
23    -04.00   +04.01   +01.94   +14.28   +01.32   -00.79   +00.67   +01.96   +00.39
      +001.3   +004.9   +000.3   0179
-----------------------------------------------------------------------------------
24    -04.00   +04.51   +01.93   +14.57   +01.07   -00.70   +00.61   +02.18   +00.52
      +001.7   +008.0   +000.4   0095
-----------------------------------------------------------------------------------
25    -04.00   +05.01   +01.93   +14.56   +00.50   -00.53   +00.56   +02.48   +00.50
      +002.0   +024.4   +000.4   0096
-----------------------------------------------------------------------------------
26    -04.00   +05.51   +01.92   +14.49   +00.84   -00.71   +00.62   +02.15   +00.40
      +001.4   +010.3   +000.3   0173
-----------------------------------------------------------------------------------
27    -04.00   +06.01   +01.92   +14.53   +00.39   -00.46   +00.54   +02.05   +00.36
      +001.6   +026.8   +000.3   0096
-----------------------------------------------------------------------------------
28    -04.00   +06.51   +01.91   +14.51   +00.22   -00.45   +00.73   +01.87   +00.36
      +001.5   +035.3   +000.3   0096
-----------------------------------------------------------------------------------
29    -04.00   +07.01   +01.91   +14.63   +00.20   -00.50   +00.44   +01.93   +00.43
      +001.5   +035.1   +000.3   0096
-----------------------------------------------------------------------------------
```

FILE:DAT26

No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	-03.00 +001.5	-07.99 +037.8	+02.00 +000.3	+14.40 0095	-00.33	-00.22	+00.94	+01.90	+00.38
2	-03.00 +001.8	-07.49 +024.1	+02.00 +000.4	+14.95 0097	-00.64	-00.39	+00.77	+02.32	+00.50
3	-03.00 +001.9	-06.99 +064.4	+02.00 +000.3	+15.21 0094	-00.14	-00.43	+00.66	+02.51	+00.36
4	-03.00 +001.3	-06.49 +009.0	+02.00 +000.3	+15.25 0095	-01.04	-00.34	+00.64	+01.79	+00.39
5	-03.00 +001.4	-05.99 +015.0	+01.99 +000.3	+15.09 0170	-00.82	-00.54	+00.74	+02.06	+00.41
6	-03.00 +001.3	-05.49 +010.5	+01.99 +000.2	+15.24 0175	-01.07	-00.67	+00.81	+02.08	+00.39
7	-03.00 +001.8	-04.99 +010.7	+01.98 +000.4	+15.35 0169	-01.48	-00.80	+00.65	+02.59	+00.53
8	-03.00 +001.5	-04.49 +006.3	+01.98 +000.3	+15.34 0172	-01.98	-00.92	+00.61	+02.47	+00.51
9	-03.00 +001.8	-03.99 +004.2	+01.97 +000.4	+14.85 0095	-03.00	-00.98	+00.88	+02.47	+00.47
10	-03.00 +001.4	-03.49 +002.3	+01.97 +000.3	+14.70 0257	-03.94	-01.14	+00.77	+02.70	+00.55
11	-03.00 +001.7	-02.99 +003.1	+01.96 +000.4	+13.89 0173	-04.00	-01.43	+00.73	+02.66	+00.58
12	-03.00 +001.7	-02.49 +002.0	+01.96 +000.4	+13.04 0178	-05.21	-01.52	+00.78	+02.75	+00.52
13	-03.00 +001.6	-01.99 +001.7	+01.95 +000.5	+10.88 0265	-06.02	-01.83	+00.93	+03.19	+00.67
14	-03.00 +002.2	-01.49 +002.4	+01.95 +000.7	+09.16 0351	-05.63	-02.00	+01.14	+04.10	+00.94
15	-03.00 +002.8	-00.99 +003.7	+01.94 +000.7	+07.64 0509	-04.11	-02.07	+01.33	+05.15	+01.14
16	-03.00 +003.9	-00.49 +008.0	+01.94 +000.9	+06.36 0959	-02.00	-02.21	+01.42	+07.06	+01.68
17	-03.00 +004.3	+00.01 +012.9	+01.93 +001.0	+06.42 0948	+00.15	-02.08	+01.55	+07.21	+01.79
18	-03.00 +003.4	+00.51 +003.6	+01.93 +000.9	+07.07 0959	+02.81	-02.29	+01.47	+06.99	+01.76
19	-03.00 +002.6	+01.01 +001.7	+01.92 +000.8	+08.85 0610	+04.21	-02.12	+01.28	+05.63	+01.43

```
20    -03.00   +01.51   +01.91   +10.69   +04.78   -01.98   +00.84   +04.32   +01.04
      +002.0   +001.2   +000.6   0420
------------------------------------------------------------------------------------
21    -03.00   +02.01   +01.91   +12.25   +04.97   -01.88   +01.10   +03.61   +00.83
      +001.9   +001.3   +000.5   0265
------------------------------------------------------------------------------------
22    -03.00   +02.51   +01.90   +13.39   +04.28   -01.60   +00.92   +03.39   +00.67
      +001.8   +001.4   +000.4   0262
------------------------------------------------------------------------------------
23    -03.00   +03.01   +01.90   +14.29   +03.83   -01.35   +00.91   +03.01   +00.61
      +001.6   +001.4   +000.4   0263
------------------------------------------------------------------------------------
24    -03.00   +03.51   +01.89   +15.00   +02.73   -01.19   +00.79   +02.69   +00.57
      +001.5   +002.1   +000.3   0257
------------------------------------------------------------------------------------
25    -03.00   +04.01   +01.89   +15.57   +02.02   -00.90   +00.74   +02.11   +00.41
      +001.5   +003.3   +000.3   0168
------------------------------------------------------------------------------------
26    -03.00   +04.51   +01.88   +15.30   +02.08   -00.96   +00.76   +02.75   +00.53
      +001.7   +003.9   +000.3   0171
------------------------------------------------------------------------------------
27    -03.00   +05.01   +01.88   +15.06   +01.01   -00.76   +00.75   +02.98   +00.56
      +001.9   +011.3   +000.4   0168
------------------------------------------------------------------------------------
28    -03.00   +05.51   +01.87   +15.25   +01.17   -00.68   +00.72   +02.81   +00.48
      +001.9   +008.5   +000.4   0174
------------------------------------------------------------------------------------
29    -03.00   +06.01   +01.87   +14.79   +00.55   -00.54   +00.76   +02.37   +00.47
      +001.6   +019.6   +000.3   0166
------------------------------------------------------------------------------------
30    -03.00   +06.51   +01.86   +14.99   +00.12   -00.45   +00.68   +02.20   +00.40
      +001.5   +047.2   +000.3   0172
------------------------------------------------------------------------------------
31    -03.00   +07.01   +01.86   +14.93   +00.01   -00.42   +00.66   +02.59   +00.46
      +001.6   +059.7   +000.3   0171
------------------------------------------------------------------------------------
32    -03.00   +07.51   +01.85   +15.05   -00.15   -00.42   +00.61   +02.13   +00.38
      +001.6   +053.7   +000.3   0096
------------------------------------------------------------------------------------
33    -03.00   +08.01   +01.84   +14.78   -00.34   -00.31   +00.64   +02.17   +00.44
      +001.7   +043.6   +000.3   0094
------------------------------------------------------------------------------------
```

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--------------------------------------------------------------------------------
FILE:DAT27

No.  Xcm      Ycm      Zcm      Um/s     Vm/s     Wm/s     Su       Sv       Sw
     DELxy    DELyz    DELzx    Navg
--------------------------------------------------------------------------------
 1   -02.71   -07.99   +02.00   +14.95   -00.13   -00.20   +00.64   +01.77   +00.37
     +000.9   +056.1   +000.2   0193
--------------------------------------------------------------------------------
 2   -02.71   -07.49   +02.00   +15.23   -00.00   -00.38   +00.55   +01.62   +00.35
     +000.9   +034.0   +000.2   0192
--------------------------------------------------------------------------------
 3   -02.71   -06.99   +02.00   +15.31   -00.55   -00.39   +00.69   +02.03   +00.46
     +001.1   +018.1   +000.2   0190
--------------------------------------------------------------------------------
 4   -02.71   -06.49   +02.00   +15.34   -00.85   -00.35   +00.78   +02.37   +00.54
     +001.3   +011.8   +000.3   0191
--------------------------------------------------------------------------------
 5   -02.71   -05.99   +01.99   +15.33   -01.23   -00.48   +00.96   +02.35   +00.51
     +001.2   +007.7   +000.3   0191
--------------------------------------------------------------------------------
 6   -02.71   -05.49   +01.99   +15.71   -01.60   -00.53   +00.70   +02.20   +00.41
     +001.1   +004.9   +000.2   0190
--------------------------------------------------------------------------------
 7   -02.71   -04.99   +01.99   +15.49   -02.26   -00.59   +01.00   +02.49   +00.56
     +001.3   +003.8   +000.3   0190
--------------------------------------------------------------------------------
 8   -02.71   -04.49   +01.98   +15.68   -01.99   -00.87   +00.95   +02.96   +00.60
     +001.5   +006.1   +000.3   0194
--------------------------------------------------------------------------------
 9   -02.71   -03.99   +01.98   +15.97   -02.78   -01.03   +00.82   +02.75   +00.54
     +001.3   +003.8   +000.3   0192
--------------------------------------------------------------------------------
10   -02.71   -03.49   +01.97   +15.03   -03.89   -01.15   +00.85   +02.53   +00.52
     +001.3   +002.3   +000.3   0190
--------------------------------------------------------------------------------
11   -02.71   -02.99   +01.97   +14.53   -05.11   -01.46   +00.87   +03.12   +00.65
     +001.6   +002.1   +000.4   0190
--------------------------------------------------------------------------------
12   -02.71   -02.49   +01.96   +13.19   -05.79   -01.79   +00.87   +03.15   +00.74
     +001.4   +001.7   +000.4   0356
--------------------------------------------------------------------------------
13   -02.71   -01.99   +01.95   +11.45   -06.28   -02.04   +00.97   +04.31   +00.93
     +001.9   +002.1   +000.5   0346
--------------------------------------------------------------------------------
14   -02.71   -01.49   +01.95   +08.89   -06.38   -02.25   +01.64   +06.76   +01.55
     +002.1   +002.1   +000.7   0875
--------------------------------------------------------------------------------
15   -02.71   -00.99   +01.95   +06.84   -06.15   -02.38   +02.25   +11.39   +02.57
     +004.2   +004.2   +001.6   0703
--------------------------------------------------------------------------------
16   -02.71   -00.49   +01.94   +06.04   -06.47   -00.70   +02.72   +15.67   +03.68
     +004.2   +002.6   +002.1   1200
--------------------------------------------------------------------------------
17   -02.71   +00.01   +01.94   +05.51   -04.13   +00.69   +02.91   +18.36   +04.02
     +006.6   +001.9   +002.3   1385
--------------------------------------------------------------------------------
18   -02.71   +00.51   +01.94   +06.79   -00.81   -00.12   +02.65   +18.33   +04.12
     +011.6   +033.3   +002.7   0710
--------------------------------------------------------------------------------
19   -02.71   +01.01   +01.93   +08.21   +04.38   -02.32   +01.99   +13.37   +03.14
     +008.0   +005.7   +002.2   0355
--------------------------------------------------------------------------------
```

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```
20    -02.71  +01.51  +01.93  +10.90  +05.70  -02.14  +01.45  +08.78  +02.11
      +005.2  +002.6  +001.5  0190
------------------------------------------------------------------------------
21    -02.71  +02.01  +01.93  +13.36  +05.90  -02.10  +01.10  +05.83  +01.40
      +003.0  +001.6  +000.8  0191
------------------------------------------------------------------------------
22    -02.71  +02.51  +01.92  +14.04  +04.96  -01.74  +00.91  +04.11  +00.87
      +002.1  +001.4  +000.5  0191
------------------------------------------------------------------------------
23    -02.71  +03.01  +01.92  +14.68  +03.41  -01.33  +01.07  +03.14  +00.66
      +001.6  +001.8  +000.4  0192
------------------------------------------------------------------------------
24    -02.71  +04.01  +01.91  +15.62  +01.92  -00.97  +00.76  +02.82  +00.66
      +001.5  +003.4  +000.3  0188
------------------------------------------------------------------------------
25    -02.71  +05.01  +01.90  +15.57  +00.57  -00.55  +00.75  +02.08  +00.45
      +001.1  +012.2  +000.2  0191
------------------------------------------------------------------------------
26    -02.71  +06.01  +01.90  +15.15  +00.26  -00.47  +00.84  +02.10  +00.45
      +001.1  +025.2  +000.2  0194
------------------------------------------------------------------------------
27    -02.71  +07.01  +01.89  +15.23  -00.34  -00.39  +00.66  +02.11  +00.40
      +001.1  +027.8  +000.2  0191
------------------------------------------------------------------------------
28    -02.71  +08.01  +01.89  +14.93  -00.47  -00.31  +00.73  +02.33  +00.42
      +001.3  +022.6  +000.2  0190
------------------------------------------------------------------------------
```

```
FILE:DAT28

No.  Xcm    Ycm    Zcm    Um/s    Vm/s    Wm/s    Su     Sv     Sw
     DELxy  DELyz  DELzx  Navg
--------------------------------------------------------------------------
 1   -01.99 +08.02 +02.00 +15.35  -00.46  -00.24  +00.66 +03.65 +00.90
     +001.6 +030.4 +000.4 0287
--------------------------------------------------------------------------
 2   -01.99 +07.52 +02.00 +15.46  -00.08  -00.38  +00.83 +03.82 +00.81
     +001.6 +064.9 +000.3 0289
--------------------------------------------------------------------------
 3   -01.99 +07.02 +02.00 +15.88  -00.32  -00.30  +00.68 +03.40 +00.77
     +001.4 +041.9 +000.3 0290
--------------------------------------------------------------------------
 4   -01.99 +06.52 +02.00 +15.98  -00.04  -00.37  +00.78 +03.37 +00.72
     +001.4 +060.4 +000.3 0293
--------------------------------------------------------------------------
 5   -01.99 +06.02 +02.00 +15.95  +00.36  -00.42  +00.96 +03.75 +00.79
     +001.6 +029.9 +000.3 0286
--------------------------------------------------------------------------
 6   -01.99 +05.52 +02.01 +16.83  +01.06  -00.61  +00.80 +03.95 +00.87
     +001.5 +007.9 +000.3 0293
--------------------------------------------------------------------------
 7   -01.99 +05.02 +02.01 +16.39  +01.87  -00.79  +01.09 +04.96 +01.05
     +002.0 +004.4 +000.4 0289
--------------------------------------------------------------------------
 8   -01.99 +04.52 +02.01 +17.82  +02.41  -00.99  +00.98 +04.56 +01.08
     +001.7 +002.8 +000.4 0290
--------------------------------------------------------------------------
 9   -01.99 +04.02 +02.02 +17.82  +03.20  -01.13  +00.87 +04.74 +01.10
     +001.7 +001.9 +000.4 0288
--------------------------------------------------------------------------
10   -01.99 +03.72 +02.02 +17.30  +04.17  -01.40  +01.01 +05.41 +01.15
     +002.0 +001.7 +000.4 0291
--------------------------------------------------------------------------
11   -01.99 +03.42 +02.02 +17.83  +05.62  -01.76  +01.03 +04.85 +01.13
     +001.6 +001.0 +000.4 0290
--------------------------------------------------------------------------
12   -01.99 +03.12 +02.02 +17.76  +06.19  -01.67  +00.99 +05.62 +01.19
     +001.9 +001.0 +000.4 0289
--------------------------------------------------------------------------
13   -01.99 +02.82 +02.02 +17.13  +07.86  -02.06  +01.00 +06.90 +01.44
     +001.6 +000.7 +000.4 0777
--------------------------------------------------------------------------
14   -01.99 +02.52 +02.02 +16.08  +09.81  -01.96  +01.36 +10.74 +02.36
     +002.3 +000.7 +000.7 0761
--------------------------------------------------------------------------
15   -01.99 +02.22 +02.01 +15.32  +09.22  -00.21  +01.97 +17.58 +04.25
     +002.8 +001.4 +000.9 1497
--------------------------------------------------------------------------
16   -01.99 +02.02 +02.02 +14.68  +05.60  +06.12  +02.79 +30.94 +07.40
     +006.8 +012.0 +001.6 1041
--------------------------------------------------------------------------
17   -01.99 +01.92 +02.02 +13.62  -01.36  +12.02  +03.16 +37.20 +09.47
     +007.9 +008.4 +001.1 1580
--------------------------------------------------------------------------
18   -01.99 +01.82 +02.02 +12.80  -14.65  +20.66  +03.61 +42.39 +10.40
     +003.8 +003.1 +000.7 1883
--------------------------------------------------------------------------
```

FILE:DAT29

No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	-01.00 +001.4	+08.02 +004.7	+02.00 +000.3	+15.43 0292	-01.11	-00.04	+00.69	+03.27	+00.71
2	-01.00 +001.5	+07.52 +005.3	+02.00 +000.3	+15.58 0290	-01.23	-00.12	+00.94	+03.47	+00.72
3	-01.00 +001.4	+07.02 +007.0	+02.00 +000.3	+16.16 0290	-01.14	-00.15	+00.86	+03.51	+00.83
4	-01.00 +001.7	+06.52 +026.8	+02.00 +000.4	+16.54 0289	-00.56	-00.25	+00.93	+04.12	+01.01
5	-01.00 +001.3	+06.02 +024.1	+02.01 +000.3	+16.99 0292	-00.51	-00.28	+01.00	+03.29	+00.74
6	-01.00 +001.8	+05.52 +027.4	+02.01 +000.4	+17.17 0289	-00.61	-00.31	+01.12	+04.66	+01.00
7	-01.00 +001.5	+05.02 +046.6	+02.01 +000.3	+17.90 0289	+00.16	-00.47	+01.17	+03.96	+00.92
8	-01.00 +001.5	+04.52 +052.2	+02.02 +000.4	+19.56 0289	-00.09	-00.55	+01.15	+04.36	+01.06
9	-01.00 +001.4	+04.02 +002.8	+02.02 +000.3	+20.61 0287	+02.46	-01.05	+01.14	+04.43	+01.04
10	-01.00 +001.5	+03.52 +001.5	+02.02 +000.3	+21.39 0522	+04.32	-01.39	+01.15	+05.95	+01.32
11	-01.00 +001.6	+03.02 +000.7	+02.02 +000.4	+22.18 2449	+08.65	-00.72	+01.60	+15.80	+03.20
12	-01.00 +002.3	+02.82 +004.6	+02.03 +000.5	+22.31 3188	+07.04	+04.22	+02.17	+27.05	+05.94
13	-01.00 +004.7	+02.62 +005.4	+02.03 +000.8	+21.49 1880	-06.55	+15.84	+03.46	+42.53	+10.09

```
--------------------------------------------------------------------------------
FILE:DAT30

No.  Xcm    Ycm    Zcm    Um/s    Vm/s    Wm/s    Su      Sv      Sw
     DELxy  DELyz  DELzx  Navg
--------------------------------------------------------------------------------
 1   +00.00 +08.02 +02.00 +16.02  -02.10  +00.13  +00.83  +03.92  +00.86
     +001.6 +002.2 +000.4 0290
--------------------------------------------------------------------------------
 2   +00.00 +07.52 +02.00 +15.98  -01.32  +00.06  +00.84  +04.32  +01.00
     +001.8 +004.2 +000.4 0288
--------------------------------------------------------------------------------
 3   +00.00 +07.02 +02.00 +16.25  -01.85  -00.03  +00.96  +04.12  +00.99
     +001.7 +003.8 +000.4 0287
--------------------------------------------------------------------------------
 4   +00.00 +06.52 +02.00 +16.83  -02.01  +00.17  +00.90  +03.81  +00.88
     +001.5 +002.2 +000.3 0288
--------------------------------------------------------------------------------
 5   +00.00 +06.02 +02.01 +17.21  -01.73  +00.12  +01.02  +04.33  +00.90
     +001.6 +002.6 +000.3 0291
--------------------------------------------------------------------------------
 6   +00.00 +05.52 +02.01 +18.01  -01.72  +00.03  +01.16  +04.44  +01.00
     +001.6 +003.6 +000.4 0292
--------------------------------------------------------------------------------
 7   +00.00 +05.02 +02.01 +19.05  -02.24  +00.21  +01.14  +04.40  +00.96
     +001.5 +002.0 +000.3 0290
--------------------------------------------------------------------------------
 8   +00.00 +04.52 +02.02 +19.57  -01.92  +00.14  +01.35  +04.30  +00.94
     +001.4 +002.5 +000.3 0290
--------------------------------------------------------------------------------
 9   +00.00 +04.02 +02.02 +21.48  -00.93  -00.19  +01.54  +05.17  +01.14
     +001.6 +014.1 +000.4 0287
--------------------------------------------------------------------------------
10   +00.00 +03.72 +02.03 +22.76  -01.04  -00.06  +01.30  +05.01  +01.15
     +001.3 +007.6 +000.3 0517
--------------------------------------------------------------------------------
11   +00.00 +03.42 +02.03 +24.34  -00.05  +00.06  +01.59  +09.95  +01.86
     +001.5 +343.2 +000.3 1247
--------------------------------------------------------------------------------
12   +00.00 +03.22 +02.03 +25.08  -00.13  +00.98  +01.68  +14.18  +03.06
     +002.3 +055.5 +000.5 1004
--------------------------------------------------------------------------------
13   +00.00 +03.02 +02.03 +25.62  +01.53  +06.21  +01.94  +28.97  +06.52
     +002.2 +009.0 +000.5 3449
--------------------------------------------------------------------------------
```

```
------------------------------------------------------------------------
FILE:DAT31

No.  Xcm     Ycm     Zcm     Um/s     Vm/s     Wm/s     Su       Sv       Sw
     DELxy   DELyz   DELzx   Navg
------------------------------------------------------------------------
 1   +01.00  +08.02  +02.00  +15.86  -02.57  +00.20  +00.82  +02.99  +00.65
     +001.2  +001.3  +000.3  0289
------------------------------------------------------------------------
 2   +01.00  +07.52  +02.00  +16.14  -01.88  +00.09  +00.87  +03.32  +00.69
     +001.3  +002.0  +000.3  0292
------------------------------------------------------------------------
 3   +01.00  +07.02  +02.01  +16.79  -02.33  +00.28  +00.83  +04.18  +00.92
     +001.6  +001.7  +000.4  0289
------------------------------------------------------------------------
 4   +01.00  +06.52  +02.01  +16.84  -02.47  +00.30  +00.99  +04.09  +00.77
     +001.6  +001.4  +000.3  0289
------------------------------------------------------------------------
 5   +01.00  +06.02  +02.02  +17.31  -03.13  +00.29  +01.04  +04.35  +00.92
     +001.6  +001.4  +000.4  0291
------------------------------------------------------------------------
 6   +01.00  +05.52  +02.02  +18.18  -03.60  +00.51  +01.00  +03.97  +00.87
     +001.4  +001.0  +000.3  0290
------------------------------------------------------------------------
 7   +01.00  +05.02  +02.03  +18.57  -03.13  +00.55  +01.26  +04.59  +01.02
     +001.6  +001.3  +000.4  0290
------------------------------------------------------------------------
 8   +01.00  +04.52  +02.04  +19.99  -04.81  +01.04  +01.41  +04.77  +01.02
     +001.5  +000.9  +000.3  0292
------------------------------------------------------------------------
 9   +01.00  +04.02  +02.04  +20.80  -05.40  +01.26  +01.62  +05.84  +01.18
     +001.8  +001.1  +000.4  0288
------------------------------------------------------------------------
10   +01.00  +03.52  +02.05  +22.39  -07.01  +01.68  +01.55  +06.77  +01.35
     +001.6  +000.9  +000.3  0516
------------------------------------------------------------------------
11   +01.00  +03.32  +02.05  +23.32  -08.31  +02.33  +01.92  +07.71  +01.79
     +001.8  +000.9  +000.5  0513
------------------------------------------------------------------------
12   +01.00  +03.12  +02.06  +23.65  -09.67  +03.38  +01.88  +12.48  +02.99
     +002.1  +001.1  +000.5  0757
------------------------------------------------------------------------
13   +01.00  +02.92  +02.06  +23.53  -13.30  +07.81  +02.24  +22.65  +05.39
     +001.8  +001.3  +000.5  2460
------------------------------------------------------------------------
14   +01.00  +02.82  +02.06  +23.13  -17.34  +13.14  +02.58  +33.75  +08.28
     +001.7  +001.3  +000.5  4122
------------------------------------------------------------------------
```

```
--------------------------------------------------------------------------------
FILE:DAT32

No.  Xcm    Ycm    Zcm    Um/s   Vm/s   Wm/s   Su     Sv     Sw
     DELxy  DELyz  DELzx  Navg
--------------------------------------------------------------------------------
 1  +02.00 +08.02 +01.99 +15.45 -03.74 +00.46 +00.69 +02.70 +00.52
    +001.1 +000.6 +000.2 0289
--------------------------------------------------------------------------------
 2  +02.00 +07.02 +01.99 +15.44 -03.37 +00.53 +00.89 +04.04 +00.57
    +001.6 +000.9 +000.2 0290
--------------------------------------------------------------------------------
 3  +02.00 +06.02 +02.00 +16.17 -04.76 +00.86 +00.90 +02.71 +00.55
    +001.0 +000.5 +000.2 0290
--------------------------------------------------------------------------------
 4  +02.00 +05.02 +02.00 +16.94 -05.18 +01.46 +01.01 +04.48 +00.69
    +001.6 +001.1 +000.3 0284
--------------------------------------------------------------------------------
 5  +02.00 +04.02 +02.01 +16.53 -06.54 +02.14 +01.23 +04.74 +00.96
    +001.7 +001.0 +000.4 0285
--------------------------------------------------------------------------------
 6  +02.00 +03.02 +02.02 +17.57 -11.43 +04.05 +01.63 +07.04 +01.43
    +001.9 +000.9 +000.5 0287
--------------------------------------------------------------------------------
 7  +02.00 +03.02 +02.01 +16.96 -11.34 +03.97 +01.68 +06.82 +01.46
    +001.9 +000.8 +000.6 0288
--------------------------------------------------------------------------------
 8  +02.00 +02.82 +02.01 +17.47 -13.47 +04.66 +01.85 +07.49 +01.65
    +001.8 +000.7 +000.6 0287
--------------------------------------------------------------------------------
 9  +02.00 +02.62 +02.02 +15.72 -15.21 +05.42 +01.88 +07.88 +01.64
    +001.4 +000.6 +000.5 0525
--------------------------------------------------------------------------------
10  +02.00 +02.42 +02.02 +15.75 -18.50 +06.93 +02.18 +09.81 +02.18
    +001.2 +000.6 +000.6 0781
--------------------------------------------------------------------------------
11  +02.00 +02.02 +02.02 +12.27 -23.06 +11.53 +03.12 +16.33 +03.62
    +001.0 +000.8 +000.6 1257
--------------------------------------------------------------------------------
12  +02.00 +02.22 +02.02 +14.21 -25.10 +10.36 +02.45 +14.66 +03.51
    +001.0 +000.5 +000.7 1034
--------------------------------------------------------------------------------
```

```
--------------------------------------------------------------------
FILE:DAT33

No.   Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy   DELyz   DELzx   Navg
--------------------------------------------------------------------
 1    +02.50  +08.02  +01.99  +15.38  -03.39  +00.43  +00.70  +03.07  +00.47
      +001.2  +000.7  +000.2  0291
--------------------------------------------------------------------
 2    +02.50  +07.02  +01.99  +15.57  -04.37  +00.69  +00.85  +02.98  +00.61
      +001.2  +000.6  +000.3  0288
--------------------------------------------------------------------
 3    +02.50  +06.02  +02.00  +15.33  -04.88  +01.23  +01.01  +03.48  +00.65
      +001.4  +000.8  +000.3  0287
--------------------------------------------------------------------
 4    +02.50  +05.02  +02.00  +15.64  -06.33  +01.71  +01.15  +04.22  +00.87
      +001.5  +000.7  +000.4  0287
--------------------------------------------------------------------
 5    +02.50  +04.02  +02.01  +15.84  -08.12  +02.87  +01.46  +05.01  +01.03
      +001.7  +000.9  +000.4  0290
--------------------------------------------------------------------
 6    +02.50  +04.52  +02.02  +16.39  -06.78  +02.13  +01.29  +04.42  +00.95
      +001.5  +000.8  +000.4  0287
--------------------------------------------------------------------
 7    +02.50  +05.02  +02.01  +16.23  -05.90  +01.68  +01.03  +04.06  +00.72
      +001.5  +000.9  +000.3  0288
--------------------------------------------------------------------
 8    +02.50  +05.02  +02.01  +16.11  -05.76  +01.64  +01.16  +04.17  +00.89
      +001.5  +000.8  +000.4  0285
--------------------------------------------------------------------
 9    +02.50  +04.52  +02.01  +16.00  -06.96  +02.15  +01.16  +04.76  +01.00
      +001.7  +000.8  +000.4  0287
--------------------------------------------------------------------
10    +02.50  +04.02  +02.01  +15.99  -07.52  +02.86  +01.44  +05.94  +01.02
      +002.0  +001.3  +000.4  0290
--------------------------------------------------------------------
11    +02.50  +03.52  +02.02  +15.92  -09.69  +03.60  +01.37  +06.05  +01.18
      +001.9  +001.0  +000.5  0286
--------------------------------------------------------------------
12    +02.50  +03.02  +02.02  +15.45  -10.50  +04.48  +01.62  +06.98  +01.31
      +002.1  +001.2  +000.5  0290
--------------------------------------------------------------------
13    +02.50  +02.52  +02.03  +13.24  -13.30  +05.56  +01.86  +08.23  +01.80
      +002.1  +001.0  +000.8  0286
--------------------------------------------------------------------
14    +02.50  +02.02  +02.03  +11.26  -13.58  +07.04  +01.48  +08.14  +01.70
      +001.7  +001.0  +000.7  0512
--------------------------------------------------------------------
15    +02.50  +01.82  +02.04  +09.93  -16.65  +08.33  +01.81  +10.86  +02.62
      +001.3  +000.8  +000.8  0775
--------------------------------------------------------------------
16    +02.50  +01.42  +02.04  +07.03  -17.23  +12.83  +02.97  +19.51  +04.03
      +001.2  +001.3  +000.7  1552
--------------------------------------------------------------------
17    +02.50  +01.22  +02.04  +03.22  -18.89  +16.65  +03.79  +24.14  +04.85
      +000.6  +001.2  +000.5  2423
--------------------------------------------------------------------
18    +02.50  +01.02  +02.04  -00.79  -18.25  +20.27  +04.01  +25.57  +05.38
      +000.5  +001.3  +000.4  2705
--------------------------------------------------------------------
19    +02.50  +00.82  +02.05  -03.26  -15.35  +22.90  +04.14  +28.12  +05.55
      +001.4  +002.3  +000.6  1365
--------------------------------------------------------------------
```

57

```
20    +02.50  +00.62  +02.05  -05.22  -10.86  +26.00  +04.30  +31.44  +05.80
      +003.0  +002.5  +000.4  1934
------------------------------------------------------------------------------
21    +02.50  +00.42  +02.05  -06.67  -05.02  +29.65  +04.13  +33.18  +05.68
      +008.2  +002.7  +000.4  1930
------------------------------------------------------------------------------
22    +02.50  +00.22  +02.05  -07.18  -00.06  +32.18  +04.57  +33.76  +06.07
      +015.9  +003.5  +000.5  1120
------------------------------------------------------------------------------
23    +02.50  +00.02  +02.05  -07.77  +04.11  +34.96  +04.14  +32.37  +05.76
      +011.2  +003.2  +000.4  1090
------------------------------------------------------------------------------
```

```
-------------------------------------------------------------------------------
FILE:DAT34

No.   Xcm      Ycm      Zcm      Um/s     Vm/s     Wm/s     Su       Sv       Sw
      DELxy    DELyz    DELzx    Navg
-------------------------------------------------------------------------------
1     +03.00   -07.99   +02.01   +14.33   +03.31   +00.54   +00.84   +03.79   +00.55
      +001.6   +002.1   +000.3   0292
-------------------------------------------------------------------------------
2     +03.00   -06.99   +02.01   +15.16   +03.62   +00.79   +00.99   +02.51   +00.46
      +001.0   +001.6   +000.2   0290
-------------------------------------------------------------------------------
3     +03.00   -05.99   +02.00   +14.96   +04.02   +01.16   +01.08   +03.00   +00.72
      +001.3   +002.3   +000.3   0283
-------------------------------------------------------------------------------
4     +03.00   -04.99   +02.00   +15.28   +05.07   +01.91   +01.25   +03.85   +00.93
      +001.5   +002.6   +000.4   0288
-------------------------------------------------------------------------------
5     +03.00   -03.99   +02.00   +14.42   +06.08   +03.07   +01.64   +04.36   +01.06
      +001.7   +002.7   +000.5   0287
-------------------------------------------------------------------------------
6     +03.00   -02.99   +01.99   +12.87   +08.32   +04.46   +01.46   +05.41   +01.24
      +002.0   +002.5   +000.6   0289
-------------------------------------------------------------------------------
7     +03.00   -01.99   +01.99   +09.67   +09.68   +05.86   +01.64   +08.37   +01.83
      +002.9   +003.3   +001.0   0288
-------------------------------------------------------------------------------
8     +03.00   -00.99   +01.99   +03.86   +07.36   +07.26   +02.34   +13.03   +02.73
      +003.0   +003.9   +001.1   1003
-------------------------------------------------------------------------------
9     +03.00   +00.01   +01.98   -03.21   -06.39   +05.76   +02.99   +20.02   +03.93
      +003.7   +003.7   +001.5   1594
-------------------------------------------------------------------------------
10    +03.00   +01.01   +01.98   +03.10   -10.40   +07.03   +03.11   +15.41   +03.16
      +001.8   +002.0   +001.6   1079
-------------------------------------------------------------------------------
11    +03.00   +02.01   +01.98   +10.48   -10.83   +06.24   +01.54   +07.91   +01.66
      +002.0   +001.4   +000.7   0525
-------------------------------------------------------------------------------
12    +03.00   +03.01   +01.97   +13.29   -10.27   +04.60   +01.70   +06.36   +01.26
      +002.0   +001.1   +000.6   0286
-------------------------------------------------------------------------------
13    +03.00   +04.01   +01.97   +15.03   -07.26   +02.97   +01.20   +05.48   +00.98
      +002.0   +001.3   +000.4   0288
-------------------------------------------------------------------------------
14    +03.00   +05.01   +01.97   +15.32   -05.52   +01.73   +01.09   +04.61   +00.83
      +001.7   +001.1   +000.4   0287
-------------------------------------------------------------------------------
15    +03.00   +06.01   +01.96   +15.49   -05.05   +01.26   +00.97   +03.23   +00.52
      +001.2   +000.7   +000.2   0290
-------------------------------------------------------------------------------
16    +03.00   +07.01   +01.95   +15.21   -04.21   +00.77   +00.84   +02.92   +00.40
      +001.2   +000.6   +000.2   0291
-------------------------------------------------------------------------------
17    +03.00   +08.01   +01.95   +15.03   -03.31   +00.44   +00.65   +02.63   +00.47
      +001.1   +000.7   +000.2   0283
-------------------------------------------------------------------------------
18    +03.00   +09.01   +01.94   +14.85   -03.26   +00.34   +00.62   +02.92   +00.47
      +001.2   +000.7   +000.2   0288
-------------------------------------------------------------------------------
```

```
-----------------------------------------------------------------------------
FILE:DAT35

No.   Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy   DELyz   DELzx   Navg
-----------------------------------------------------------------------------
 1    +03.99  -10.02  +02.01  +16.19  +03.19  +00.26  +00.76  +01.44  +00.27
      +000.7  +000.9  +000.1  0192
-----------------------------------------------------------------------------
 2    +03.99  -09.02  +02.01  +16.49  +03.29  +00.45  +00.69  +01.83  +00.34
      +000.9  +001.3  +000.2  0191
-----------------------------------------------------------------------------
 3    +03.99  -08.02  +02.00  +16.90  +04.06  +00.66  +00.89  +02.00  +00.36
      +000.9  +001.2  +000.2  0191
-----------------------------------------------------------------------------
 4    +03.99  -07.02  +02.00  +17.05  +04.80  +01.02  +00.97  +01.84  +00.34
      +000.8  +001.1  +000.2  0192
-----------------------------------------------------------------------------
 5    +03.99  -06.02  +01.99  +16.71  +04.84  +01.80  +01.09  +02.58  +00.61
      +001.2  +002.2  +000.3  0189
-----------------------------------------------------------------------------
 6    +03.99  -05.02  +01.99  +15.14  +04.78  +02.52  +01.05  +02.82  +00.66
      +001.4  +002.7  +000.4  0190
-----------------------------------------------------------------------------
 7    +03.99  -04.02  +01.98  +12.38  +05.41  +02.89  +01.32  +03.47  +00.79
      +001.9  +003.0  +000.5  0193
-----------------------------------------------------------------------------
 8    +03.99  -03.02  +01.98  +09.41  +05.28  +02.84  +01.18  +04.75  +01.17
      +003.2  +004.3  +001.0  0190
-----------------------------------------------------------------------------
 9    +03.99  -02.02  +01.98  +07.65  +05.99  +03.83  +01.27  +05.31  +01.26
      +003.2  +003.7  +001.0  0338
-----------------------------------------------------------------------------
10    +03.99  -01.02  +01.97  +04.67  +04.69  +03.29  +01.79  +11.37  +02.38
      +004.1  +004.7  +001.2  1456
-----------------------------------------------------------------------------
11    +03.99  -00.02  +01.97  +02.49  -04.28  +02.10  +02.38  +17.18  +03.28
      +006.6  +004.7  +003.4  0886
-----------------------------------------------------------------------------
12    +03.99  +00.98  +01.96  +05.59  -10.03  +03.77  +02.04  +10.89  +02.67
      +002.7  +001.2  +002.0  0506
-----------------------------------------------------------------------------
13    +03.99  +01.98  +01.96  +09.01  -08.89  +04.80  +01.54  +08.21  +01.74
      +003.0  +001.9  +001.1  0355
-----------------------------------------------------------------------------
14    +03.99  +02.98  +01.95  +11.10  -07.16  +04.05  +01.55  +07.03  +01.35
      +003.6  +002.7  +000.9  0192
-----------------------------------------------------------------------------
15    +03.99  +03.98  +01.95  +12.51  -07.26  +02.99  +01.44  +05.77  +01.19
      +002.8  +001.6  +000.8  0191
-----------------------------------------------------------------------------
16    +03.99  +04.98  +01.95  +13.65  -05.54  +02.14  +01.27  +03.98  +00.81
      +002.1  +001.4  +000.5  0190
-----------------------------------------------------------------------------
17    +03.99  +05.98  +01.94  +14.20  -05.36  +01.50  +00.92  +04.21  +00.81
      +002.1  +001.1  +000.5  0191
-----------------------------------------------------------------------------
18    +03.99  +06.98  +01.94  +14.31  -03.73  +00.94  +00.89  +03.01  +00.49
      +001.6  +001.1  +000.3  0190
-----------------------------------------------------------------------------
19    +03.99  +07.98  +01.93  +13.96  -03.79  +00.67  +00.72  +02.67  +00.45
      +001.5  +000.7  +000.3  0192
-----------------------------------------------------------------------------
```

60

```
20    +03.99  +08.98  +01.93  +14.27  -02.93  +00.42  +00.76  +03.88  +00.41
      +002.2  +001.1  +000.2  0193
--------------------------------------------------------------------------------
21    +03.99  +09.98  +01.92  +13.96  -03.35  +00.37  +00.61  +02.27  +00.39
      +001.2  +000.7  +000.2  0193
--------------------------------------------------------------------------------
```

No.	Xcm	Ycm	Zcm	Um/s	Vm/s	Wm/s	Su	Sv	Sw
---	DELxy	DELyz	DELzx	Navg					
1	+05.00	-10.02	+02.01	+14.24	+02.63	+00.44	+00.55	+01.58	+00.30
	+000.9	+001.5	+000.2	0193					
2	+05.00	-09.02	+02.01	+13.48	+02.63	+00.62	+00.62	+01.46	+00.32
	+000.9	+001.8	+000.2	0191					
3	+05.00	-08.02	+02.00	+12.37	+03.08	+00.73	+00.73	+01.71	+00.38
	+001.1	+001.8	+000.2	0193					
4	+05.00	-07.02	+02.00	+11.93	+02.69	+01.14	+00.82	+02.17	+00.56
	+001.4	+003.6	+000.4	0189					
5	+05.00	-06.02	+01.99	+11.98	+03.23	+01.49	+00.79	+02.21	+00.54
	+001.4	+003.1	+000.4	0192					
6	+05.00	-05.02	+01.99	+11.51	+03.54	+01.89	+00.97	+03.09	+00.73
	+002.0	+004.0	+000.5	0192					
7	+05.00	-04.02	+01.99	+10.30	+03.87	+02.64	+01.20	+03.39	+00.88
	+002.4	+004.4	+000.7	0191					
8	+05.00	-03.02	+01.98	+09.33	+03.90	+03.07	+01.22	+04.11	+01.01
	+002.7	+004.7	+000.7	0345					
9	+05.00	-02.02	+01.98	+07.51	+05.10	+02.84	+01.36	+06.34	+01.54
	+003.5	+004.3	+001.1	0504					
10	+05.00	-01.02	+01.98	+05.28	+01.40	+01.92	+01.69	+13.05	+02.27
	+006.8	+014.7	+001.2	1548					
11	+05.00	-00.02	+01.97	+04.28	-01.18	-00.06	+01.51	+12.47	+02.38
	+008.2	+007.7	+001.8	1382					
12	+05.00	+00.98	+01.96	+05.76	-05.27	+01.10	+01.68	+10.63	+02.52
	+003.7	+001.0	+001.6	1057					
13	+05.00	+01.98	+01.96	+07.82	-07.16	+03.19	+01.36	+06.92	+01.57
	+002.7	+001.4	+001.0	0513					
14	+05.00	+02.98	+01.96	+09.10	-05.46	+03.10	+01.20	+04.75	+01.02
	+002.8	+002.2	+000.7	0350					
15	+05.00	+03.98	+01.96	+10.32	-05.19	+02.74	+01.19	+04.48	+00.91
	+002.8	+002.2	+000.7	0192					
16	+05.00	+04.98	+01.95	+11.66	-03.31	+01.85	+00.89	+04.31	+00.96
	+002.8	+003.3	+000.7	0190					
17	+05.00	+05.98	+01.95	+11.77	-03.30	+01.42	+00.74	+03.51	+00.59
	+002.2	+002.4	+000.4	0196					
18	+05.00	+06.98	+01.94	+11.90	-03.96	+01.18	+00.98	+02.72	+00.56
	+001.7	+001.0	+000.4	0192					
19	+05.00	+07.98	+01.94	+12.57	-02.80	+00.72	+00.55	+02.50	+00.46
	+001.5	+001.2	+000.3	0190					

```
20    +05.00  +08.98  +01.93  +12.30  -03.05  +00.61  +00.61  +02.31  +00.48
      +001.4  +000.8  +000.3  0195
--------------------------------------------------------------------------------
21    +05.00  +09.98  +01.93  +12.61  -02.91  +00.42  +00.56  +02.22  +00.39
      +001.3  +000.7  +000.3  0194
--------------------------------------------------------------------------------
```

No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	+07.50 +001.3	-10.02 +002.3	+02.01 +000.3	+11.18 0193	+02.47	+00.50	+00.72	+01.89	+00.40
2	+07.50 +001.2	-09.02 +002.3	+02.01 +000.2	+11.28 0191	+02.40	+00.60	+00.64	+01.76	+00.32
3	+07.50 +001.5	-08.02 +003.6	+02.00 +000.3	+11.20 0192	+02.35	+00.81	+00.65	+02.23	+00.47
4	+07.50 +001.6	-07.02 +003.1	+02.00 +000.3	+11.15 0192	+02.82	+01.01	+00.67	+02.32	+00.47
5	+07.50 +002.1	-06.02 +004.6	+01.99 +000.5	+09.78 0194	+02.62	+01.26	+00.89	+02.68	+00.66
6	+07.50 +002.7	-05.02 +006.6	+01.99 +000.7	+09.32 0191	+02.54	+01.78	+01.10	+03.38	+00.83
7	+07.50 +003.5	-04.02 +006.0	+01.99 +001.1	+08.78 0192	+03.53	+01.79	+01.36	+04.39	+01.16
8	+07.50 +003.7	-03.02 +005.4	+01.98 +001.0	+07.89 0330	+03.55	+01.79	+01.47	+04.45	+01.03
9	+07.50 +005.2	-02.02 +009.2	+01.98 +001.2	+06.68 0854	+02.28	+01.19	+01.61	+08.74	+01.84
10	+07.50 +006.2	-01.02 +005.5	+01.98 +001.3	+05.78 1252	+01.25	-00.36	+01.52	+11.94	+02.38
11	+07.50 +006.9	-00.02 +024.8	+01.97 +001.4	+05.38 0873	+00.57	-01.12	+01.52	+09.36	+01.91
12	+07.50 +005.5	+00.98 +005.8	+01.97 +001.6	+05.96 0695	-02.66	-00.50	+01.51	+08.49	+02.10
13	+07.50 +004.3	+01.98 +001.3	+01.97 +001.4	+06.80 0690	-03.79	+00.91	+01.64	+08.30	+02.14
14	+07.50 +002.9	+02.98 +001.5	+01.97 +000.8	+08.04 0496	-05.23	+02.09	+01.44	+05.50	+01.14
15	+07.50 +003.1	+03.98 +002.3	+01.96 +000.8	+09.18 0190	-04.11	+01.97	+01.43	+04.15	+00.89
16	+07.50 +003.5	+04.98 +004.1	+01.96 +000.8	+09.38 0192	-02.94	+01.67	+01.37	+04.43	+00.88
17	+07.50 +002.8	+05.98 +003.6	+01.95 +000.6	+10.41 0192	-02.74	+01.45	+01.03	+03.82	+00.77
18	+07.50 +002.0	+06.98 +001.6	+01.95 +000.4	+11.10 0188	-03.38	+01.19	+00.87	+02.95	+00.54
19	+07.50 +001.7	+07.98 +001.5	+01.94 +000.3	+11.74 0190	-02.73	+00.81	+00.65	+02.59	+00.48

```
20   +07.50  +08.98  +01.94  +12.12  -02.76  +00.66  +00.69  +02.62  +00.37
     +001.6  +001.3  +000.3  0193
---------------------------------------------------------------------------
21   +07.50  +09.98  +01.93  +12.27  -03.43  +00.57  +00.60  +02.13  +00.35
     +001.3  +000.6  +000.2  0192
---------------------------------------------------------------------------
```

```
------------------------------------------------------------------------------
FILE:DAT38

No.   Xcm      Ycm      Zcm      Um/s     Vm/s     Wm/s     Su       Sv       Sw
      DELxy    DELyz    DELzx    Navg
------------------------------------------------------------------------------
 1    +09.99   -12.01   +02.01   +12.27   +02.62   +00.32   +00.52   +01.40   +00.27
      +000.7   +001.0   +000.1   0285
------------------------------------------------------------------------------
 2    +09.99   -11.01   +02.01   +11.93   +02.63   +00.39   +00.59   +01.76   +00.34
      +000.9   +001.4   +000.2   0286
------------------------------------------------------------------------------
 3    +09.99   -10.01   +02.00   +11.97   +02.08   +00.60   +00.65   +02.09   +00.44
      +001.1   +002.9   +000.2   0288
------------------------------------------------------------------------------
 4    +09.99   -09.01   +02.00   +11.50   +02.44   +00.71   +00.77   +02.31   +00.51
      +001.3   +002.8   +000.3   0285
------------------------------------------------------------------------------
 5    +09.99   -08.01   +02.00   +11.65   +02.27   +00.94   +00.76   +02.31   +00.45
      +001.2   +003.3   +000.3   0287
------------------------------------------------------------------------------
 6    +09.99   -07.01   +02.00   +10.72   +02.84   +01.17   +01.09   +02.74   +00.58
      +001.6   +003.2   +000.4   0289
------------------------------------------------------------------------------
 7    +09.99   -06.01   +02.00   +10.76   +02.63   +01.47   +01.22   +03.68   +00.87
      +002.1   +005.3   +000.5   0289
------------------------------------------------------------------------------
 8    +09.99   -05.01   +02.00   +09.72   +01.77   +01.73   +01.58   +04.67   +01.01
      +003.1   +010.3   +000.7   0285
------------------------------------------------------------------------------
 9    +09.99   -04.01   +01.99   +09.42   +02.68   +01.84   +01.70   +05.98   +01.35
      +003.9   +008.8   +000.9   0283
------------------------------------------------------------------------------
10    +09.99   -03.01   +01.99   +07.90   +01.69   +01.47   +01.69   +06.43   +01.32
      +004.0   +011.6   +000.8   0732
------------------------------------------------------------------------------
11    +09.99   -02.01   +01.98   +06.76   +00.50   +00.70   +01.99   +11.08   +02.23
      +005.8   +042.6   +001.2   1069
------------------------------------------------------------------------------
12    +09.99   -01.01   +01.98   +06.02   -00.49   -00.28   +01.87   +11.56   +02.30
      +006.0   +042.4   +001.2   1330
------------------------------------------------------------------------------
13    +09.99   -00.01   +01.97   +05.68   -01.64   -00.68   +01.87   +09.10   +01.94
      +005.8   +011.3   +001.4   1029
------------------------------------------------------------------------------
14    +09.99   +00.99   +01.97   +05.80   -01.31   -00.83   +01.89   +08.70   +02.02
      +006.5   +017.8   +001.6   0768
------------------------------------------------------------------------------
15    +09.99   +01.99   +01.96   +06.55   -02.49   +00.32   +02.07   +09.37   +02.49
      +004.7   +002.3   +001.4   1044
------------------------------------------------------------------------------
16    +09.99   +02.99   +01.96   +08.31   -03.29   +01.42   +01.86   +06.92   +01.73
      +003.5   +002.4   +001.0   0759
------------------------------------------------------------------------------
17    +09.99   +03.99   +01.95   +09.02   -03.49   +01.79   +02.03   +06.02   +01.35
      +003.9   +003.3   +001.0   0285
------------------------------------------------------------------------------
18    +09.99   +04.99   +01.95   +10.27   -03.15   +01.73   +01.51   +04.37   +00.97
      +002.6   +002.9   +000.6   0283
------------------------------------------------------------------------------
19    +09.99   +05.99   +01.94   +10.38   -03.06   +01.54   +01.39   +04.55   +00.95
      +002.7   +002.9   +000.6   0285
------------------------------------------------------------------------------
```

20	+09.99	+06.99	+01.93	+11.60	-02.85	+01.23	+01.21	+03.34	+00.63
	+001.8	+002.1	+000.4	0289					
21	+09.99	+07.99	+01.93	+12.15	-03.27	+01.10	+00.92	+03.09	+00.66
	+001.6	+001.2	+000.4	0285					
22	+09.99	+08.99	+01.92	+12.69	-03.28	+00.77	+00.72	+02.33	+00.44
	+001.1	+000.7	+000.2	0288					
23	+09.99	+09.99	+01.92	+12.86	-02.89	+00.56	+00.66	+02.09	+00.36
	+001.0	+000.6	+000.2	0289					
24	+09.99	+10.99	+01.91	+12.77	-02.75	+00.44	+00.54	+02.09	+00.34
	+001.0	+000.6	+000.2	0289					
25	+09.99	+11.99	+01.91	+12.89	-02.98	+00.40	+00.54	+01.77	+00.30
	+000.9	+000.5	+000.2	0286					

```
--------------------------------------------------------------------------------
FILE:DAT39

No.  Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
     DELxy   DELyz   DELzx   Navg
--------------------------------------------------------------------------------
  1  +15.00  -12.01  +02.01  +12.05  +02.55  +00.36  +00.51  +01.49  +00.25
     +000.8  +001.1  +000.1  0283
--------------------------------------------------------------------------------
  2  +15.00  -11.01  +02.01  +12.21  +02.56  +00.40  +00.61  +01.77  +00.37
     +000.9  +001.5  +000.2  0288
--------------------------------------------------------------------------------
  3  +15.00  -10.01  +02.00  +11.71  +02.55  +00.47  +00.69  +02.17  +00.43
     +001.2  +001.9  +000.2  0290
--------------------------------------------------------------------------------
  4  +15.00  -09.01  +02.00  +11.49  +02.05  +00.72  +00.78  +02.44  +00.50
     +001.4  +003.7  +000.3  0290
--------------------------------------------------------------------------------
  5  +15.00  -08.01  +02.00  +10.67  +02.83  +00.76  +01.13  +02.86  +00.61
     +001.7  +002.8  +000.4  0288
--------------------------------------------------------------------------------
  6  +15.00  -07.01  +02.00  +10.22  +02.03  +00.94  +01.35  +03.55  +00.89
     +002.2  +006.5  +000.6  0286
--------------------------------------------------------------------------------
  7  +15.00  -06.01  +02.00  +09.42  +02.59  +01.08  +01.81  +04.27  +00.93
     +002.8  +005.6  +000.7  0283
--------------------------------------------------------------------------------
  8  +15.00  -05.01  +02.00  +08.52  +01.98  +00.98  +02.06  +05.94  +01.41
     +004.4  +011.2  +001.1  0285
--------------------------------------------------------------------------------
  9  +15.00  -04.01  +01.99  +07.96  +01.78  +00.90  +02.02  +05.43  +01.15
     +004.1  +010.2  +000.9  0501
--------------------------------------------------------------------------------
 10  +15.00  -03.01  +01.99  +07.04  +01.26  +00.47  +02.09  +08.62  +01.71
     +005.1  +014.1  +001.0  0791
--------------------------------------------------------------------------------
 11  +15.00  -02.01  +01.98  +06.16  +01.31  -00.14  +01.85  +10.02  +02.14
     +005.5  +004.0  +001.2  1077
--------------------------------------------------------------------------------
 12  +15.00  -01.01  +01.98  +05.82  +01.01  -00.85  +01.86  +09.26  +01.93
     +005.8  +014.5  +001.2  1050
--------------------------------------------------------------------------------
 13  +15.00  -00.01  +01.97  +05.74  +00.36  -00.97  +01.82  +08.58  +01.78
     +006.7  +034.0  +001.3  0786
--------------------------------------------------------------------------------
 14  +15.00  +00.99  +01.97  +05.60  -00.34  -00.97  +01.83  +08.17  +01.83
     +006.5  +035.4  +001.4  0783
--------------------------------------------------------------------------------
 15  +15.00  +01.99  +01.97  +05.87  -01.54  -00.28  +02.02  +08.73  +02.17
     +006.2  +009.9  +001.6  0791
--------------------------------------------------------------------------------
 16  +15.00  +02.99  +01.96  +07.03  -01.53  +00.16  +02.11  +08.59  +02.02
     +005.2  +003.9  +001.2  0792
--------------------------------------------------------------------------------
 17  +15.00  +03.99  +01.96  +07.58  -02.44  +00.81  +02.17  +06.64  +01.59
     +004.6  +002.9  +001.2  0518
--------------------------------------------------------------------------------
 18  +15.00  +04.99  +01.95  +08.45  -02.48  +01.26  +01.80  +04.20  +00.90
     +003.2  +003.8  +000.7  0499
--------------------------------------------------------------------------------
 19  +15.00  +05.99  +01.95  +10.69  -02.66  +01.14  +01.54  +04.64  +01.03
     +002.7  +002.9  +000.6  0284
--------------------------------------------------------------------------------
```

20	+15.00	+06.99	+01.94	+10.47	-01.94	+01.01	+01.58	+04.14	+00.81
	+002.5	+004.4	+000.5	0287					
21	+15.00	+07.99	+01.93	+11.39	-02.61	+00.94	+00.97	+03.77	+00.68
	+002.1	+002.2	+000.4	0287					
22	+15.00	+08.99	+01.93	+11.39	-02.30	+00.80	+01.05	+03.20	+00.54
	+001.8	+002.1	+000.3	0289					
23	+15.00	+09.99	+01.92	+11.87	-02.32	+00.64	+00.78	+02.92	+00.47
	+001.6	+001.5	+000.3	0291					
24	+15.00	+10.99	+01.92	+11.92	-02.00	+00.48	+00.64	+03.05	+00.44
	+001.7	+001.7	+000.2	0285					
25	+15.00	+11.99	+01.91	+12.00	-02.64	+00.36	+00.70	+02.59	+00.43
	+001.4	+000.7	+000.2	0291					

```
-------------------------------------------------------------------------------
FILE:DAT40

No.   Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy   DELyz   DELzx   Navg
-------------------------------------------------------------------------------
 1    +20.00  -14.00  +02.00  +11.60  +02.31  +00.19  +00.62  +01.68  +00.32
      +000.9  +001.2  +000.2  0293
-------------------------------------------------------------------------------
 2    +20.00  -13.00  +02.00  +11.60  +01.93  +00.29  +00.65  +01.59  +00.30
      +000.9  +001.7  +000.2  0291
-------------------------------------------------------------------------------
 3    +20.00  -12.00  +02.00  +11.55  +02.34  +00.29  +00.70  +02.01  +00.35
      +001.1  +001.5  +000.2  0291
-------------------------------------------------------------------------------
 4    +20.00  -11.00  +01.99  +11.30  +01.91  +00.46  +00.73  +02.19  +00.42
      +001.2  +002.9  +000.2  0290
-------------------------------------------------------------------------------
 5    +20.00  -09.00  +01.99  +10.84  +01.95  +00.57  +01.07  +02.70  +00.61
      +001.6  +004.1  +000.4  0288
-------------------------------------------------------------------------------
 6    +20.00  -08.00  +01.99  +10.61  +02.23  +00.57  +01.10  +03.85  +00.81
      +002.3  +004.6  +000.5  0287
-------------------------------------------------------------------------------
 7    +20.00  -07.00  +01.98  +09.75  +02.38  +00.65  +01.73  +03.82  +00.87
      +002.5  +004.7  +000.6  0284
-------------------------------------------------------------------------------
 8    +20.00  -06.00  +01.98  +09.45  +02.26  +00.56  +01.81  +04.69  +01.18
      +003.1  +006.2  +000.8  0284
-------------------------------------------------------------------------------
 9    +20.00  -05.00  +01.98  +08.29  +02.06  +00.57  +01.92  +04.76  +01.11
      +003.6  +006.4  +000.8  0501
-------------------------------------------------------------------------------
10    +20.00  -04.00  +01.98  +07.06  +00.73  +00.36  +01.94  +06.60  +01.47
      +005.6  +029.4  +001.2  0530
-------------------------------------------------------------------------------
11    +20.00  -03.00  +01.97  +06.46  +00.45  -00.06  +01.94  +08.59  +01.91
      +005.4  +011.2  +001.2  0823
-------------------------------------------------------------------------------
12    +20.00  -02.00  +01.97  +06.19  +00.02  -00.36  +01.83  +08.38  +01.90
      +005.7  +096.9  +001.3  0809
-------------------------------------------------------------------------------
13    +20.00  -01.00  +01.96  +06.10  +00.59  -00.87  +01.71  +08.10  +01.67
      +005.6  +024.7  +001.2  0801
-------------------------------------------------------------------------------
14    +20.00  -00.00  +01.96  +06.04  -01.09  -00.89  +01.65  +07.52  +01.76
      +005.5  +018.9  +001.3  0787
-------------------------------------------------------------------------------
15    +20.00  +01.00  +01.95  +05.95  -00.57  -00.85  +01.73  +07.03  +01.73
      +006.4  +035.6  +001.6  0527
-------------------------------------------------------------------------------
16    +20.00  +02.00  +01.95  +06.25  -00.81  -00.53  +01.78  +07.71  +01.89
      +005.3  +024.7  +001.3  0800
-------------------------------------------------------------------------------
17    +20.00  +03.00  +01.94  +06.37  -00.71  -00.34  +02.01  +07.23  +01.70
      +005.8  +029.4  +001.4  0532
-------------------------------------------------------------------------------
18    +20.00  +04.00  +01.94  +06.66  -02.39  +00.47  +02.10  +06.72  +01.62
      +004.9  +002.1  +001.3  0533
-------------------------------------------------------------------------------
19    +20.00  +05.00  +01.93  +07.53  -01.76  +00.52  +02.25  +05.17  +01.26
      +004.0  +002.7  +001.0  0523
-------------------------------------------------------------------------------
```

20	+20.00	+06.00	+01.93	+08.14	-01.81	+00.85	+02.48	+05.36	+01.31
	+004.2	+004.9	+001.1	0285					
21	+20.00	+07.00	+01.92	+09.62	-01.92	+00.75	+01.79	+04.92	+01.08
	+003.3	+003.9	+000.7	0287					
22	+20.00	+08.00	+01.91	+10.21	-01.81	+00.62	+01.54	+03.27	+00.64
	+002.1	+002.6	+000.4	0284					
23	+20.00	+09.00	+01.91	+11.10	-02.18	+00.67	+01.10	+03.04	+00.59
	+001.8	+001.8	+000.4	0287					
24	+20.00	+10.00	+01.90	+10.91	-01.75	+00.61	+01.20	+03.04	+00.57
	+001.8	+002.5	+000.3	0289					
25	+20.00	+11.00	+01.90	+11.17	-02.24	+00.53	+01.00	+02.63	+00.52
	+001.5	+001.2	+000.3	0290					
26	+20.00	+12.00	+01.89	+11.47	-01.65	+00.38	+00.85	+02.68	+00.48
	+001.5	+001.6	+000.3	0289					
27	+20.00	+13.00	+01.88	+11.96	-02.14	+00.32	+00.62	+02.41	+00.41
	+001.3	+000.9	+000.2	0290					
28	+20.00	+14.00	+01.88	+11.95	-02.15	+00.23	+00.71	+02.50	+00.37
	+001.3	+000.8	+000.2	0289					

FILE:DAT41

No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	+25.00 +001.0	-14.00 +002.2	+02.00 +000.2	+11.60 0291	+01.72	+00.29	+00.66	+01.90	+00.34
2	+25.00 +001.1	-13.00 +002.2	+02.00 +000.2	+11.33 0291	+01.65	+00.20	+00.78	+01.87	+00.39
3	+25.00 +001.2	-12.00 +002.3	+02.00 +000.3	+11.26 0291	+02.05	+00.33	+00.78	+02.15	+00.43
4	+25.00 +001.4	-11.00 +002.8	+02.00 +000.3	+11.10 0288	+01.88	+00.32	+00.92	+02.38	+00.46
5	+25.00 +001.5	-10.00 +005.5	+01.99 +000.3	+10.72 0288	+01.39	+00.43	+01.12	+02.54	+00.55
6	+25.00 +002.4	-08.00 +009.8	+01.99 +000.5	+10.08 0286	+01.24	+00.49	+01.44	+03.70	+00.78
7	+25.00 +004.0	-06.00 +009.3	+01.99 +000.9	+08.74 0282	+01.61	+00.41	+01.90	+05.36	+01.19
8	+25.00 +004.9	-04.00 +007.1	+01.99 +001.1	+07.31 0538	+01.17	+00.01	+01.83	+06.92	+01.59
9	+25.00 +005.9	-02.00 +113.6	+01.98 +001.3	+06.43 0526	+00.08	-00.29	+01.48	+07.14	+01.66
10	+25.00 +005.2	+02.00 +007.9	+01.98 +001.3	+06.51 0535	-01.83	-00.36	+01.66	+06.84	+01.73
11	+25.00 +005.1	+04.00 +004.9	+01.98 +001.2	+06.79 0529	-01.36	+00.09	+01.72	+06.71	+01.62
12	+25.00 +004.9	+06.00 +002.9	+01.97 +001.1	+07.90 0285	-01.92	+00.36	+02.31	+06.02	+01.37
13	+25.00 +002.7	+08.00 +003.3	+01.97 +000.7	+09.86 0282	-01.65	+00.58	+01.70	+04.11	+00.96
14	+25.00 +001.9	+10.00 +002.5	+01.96 +000.4	+10.68 0286	-01.60	+00.49	+01.36	+03.20	+00.65
15	+25.00 +001.8	+12.00 +001.8	+01.95 +000.3	+11.40 0288	-01.51	+00.35	+00.71	+02.71	+00.52
16	+25.00 +001.3	+14.00 +001.0	+01.95 +000.3	+11.68 0291	-02.02	+00.31	+00.74	+02.41	+00.46

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------------------------------------------------------------------------
FILE:DAT42

No.  Xcm    Ycm    Zcm    Um/s   Vm/s   Wm/s   Su     Sv     Sw
     DELxy  DELyz  DELzx  Navg

------------------------------------------------------------------------
 1   +30.00 -24.01 +02.01 +11.78 +01.48 +00.03 +00.54 +01.21 +00.22
     +000.8 +001.3 +000.1 0190
------------------------------------------------------------------------
 2   +30.00 -23.01 +02.01 +11.79 +01.74 -00.01 +00.47 +01.32 +00.25
     +000.9 +001.1 +000.2 0190
------------------------------------------------------------------------
 3   +30.00 -22.01 +02.00 +11.71 +01.59 +00.01 +00.54 +01.20 +00.24
     +000.8 +001.2 +000.2 0191
------------------------------------------------------------------------
 4   +30.00 -21.01 +01.99 +11.61 +01.82 +00.00 +00.52 +01.35 +00.23
     +000.9 +001.0 +000.2 0194
------------------------------------------------------------------------
 5   +30.00 -20.01 +01.99 +11.62 +01.74 +00.05 +00.59 +01.36 +00.28
     +000.9 +001.4 +000.2 0195
------------------------------------------------------------------------
 6   +30.00 -16.01 +01.99 +11.49 +01.60 +00.15 +00.59 +01.59 +00.32
     +001.1 +002.2 +000.2 0194
------------------------------------------------------------------------
 7   +30.00 -12.01 +01.99 +10.94 +01.60 +00.26 +00.90 +02.13 +00.46
     +001.5 +003.7 +000.3 0193
------------------------------------------------------------------------
 8   +30.00 -08.01 +01.98 +08.95 +01.02 +00.33 +01.70 +03.87 +00.81
     +003.5 +013.9 +000.7 0190
------------------------------------------------------------------------
 9   +30.00 -04.01 +01.98 +07.68 +00.79 -00.01 +01.87 +06.38 +01.42
     +005.2 +011.1 +001.2 0359
------------------------------------------------------------------------
10   +30.00 -00.01 +01.98 +07.02 -00.44 -00.83 +01.47 +06.24 +01.42
     +004.7 +034.6 +001.1 0525
------------------------------------------------------------------------
11   +30.00 +03.99 +01.97 +07.20 -00.65 -00.14 +01.71 +06.94 +01.64
     +005.2 +023.6 +001.2 0528
------------------------------------------------------------------------
12   +30.00 +07.99 +01.97 +09.03 -01.72 +00.54 +01.96 +04.67 +00.91
     +004.1 +004.3 +000.8 0188
------------------------------------------------------------------------
13   +30.00 +11.99 +01.96 +10.64 -01.55 +00.41 +01.37 +02.89 +00.49
     +002.2 +002.7 +000.4 0190
------------------------------------------------------------------------
14   +30.00 +15.99 +01.95 +11.34 -01.75 +00.21 +00.92 +02.27 +00.42
     +001.6 +001.3 +000.3 0193
------------------------------------------------------------------------
15   +30.00 +19.99 +01.95 +11.56 -01.24 +00.10 +00.70 +02.50 +00.40
     +001.7 +001.9 +000.3 0194
------------------------------------------------------------------------
16   +30.00 +23.99 +01.95 +11.76 -01.33 -00.00 +00.76 +02.55 +00.44
     +001.7 +002.7 +000.3 0192
------------------------------------------------------------------------
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-------------------------------------------------------------------------
FILE:DAT43

No.   Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy   DELyz   DELzx   Navg

-------------------------------------------------------------------------
 1    +39.99  -24.01  +02.01  +11.35  +01.32  +00.03  +00.39  +01.54  +00.23
      +001.1  +001.6  +000.2  0191
-------------------------------------------------------------------------
 2    +39.99  -23.01  +02.01  +11.36  +01.47  +00.01  +00.48  +01.56  +00.24
      +001.1  +001.4  +000.2  0191
-------------------------------------------------------------------------
 3    +39.99  -22.01  +02.00  +11.31  +01.40  +00.02  +00.50  +01.47  +00.24
      +001.0  +001.5  +000.2  0191
-------------------------------------------------------------------------
 4    +39.99  -20.01  +01.99  +11.32  +01.21  +00.12  +00.54  +01.62  +00.32
      +001.1  +003.0  +000.2  0193
-------------------------------------------------------------------------
 5    +39.99  -16.01  +01.99  +10.94  +01.17  +00.13  +00.59  +01.86  +00.34
      +001.4  +003.5  +000.3  0190
-------------------------------------------------------------------------
 6    +39.99  -12.01  +01.99  +10.52  +00.89  +00.23  +00.89  +02.63  +00.51
      +002.0  +009.3  +000.4  0190
-------------------------------------------------------------------------
 7    +39.99  -08.01  +01.99  +09.29  +00.72  +00.27  +01.73  +04.59  +00.87
      +004.0  +024.1  +000.8  0190
-------------------------------------------------------------------------
 8    +39.99  -04.01  +01.99  +07.61  -00.22  -00.02  +01.72  +05.45  +01.25
      +004.7  +045.0  +001.0  0365
-------------------------------------------------------------------------
 9    +39.99  -00.01  +01.98  +07.68  +00.02  -00.63  +01.28  +05.53  +01.24
      +004.8  +059.1  +001.0  0355
-------------------------------------------------------------------------
10    +39.99  +03.99  +01.98  +07.35  -00.62  -00.14  +01.25  +06.14  +01.34
      +005.2  +025.3  +001.2  0354
-------------------------------------------------------------------------
11    +39.99  +07.99  +01.97  +08.36  -01.22  +00.17  +01.72  +04.16  +00.90
      +003.5  +003.4  +000.7  0352
-------------------------------------------------------------------------
12    +39.99  +11.99  +01.97  +10.17  -01.15  +00.32  +01.38  +03.42  +00.66
      +002.7  +004.2  +000.5  0192
-------------------------------------------------------------------------
13    +39.99  +15.99  +01.96  +11.14  -01.15  +00.16  +00.73  +02.17  +00.40
      +001.6  +001.9  +000.3  0191
-------------------------------------------------------------------------
14    +39.99  +19.99  +01.96  +11.51  -01.29  +00.09  +00.63  +02.14  +00.43
      +001.5  +002.1  +000.3  0194
-------------------------------------------------------------------------
15    +39.99  +23.99  +01.95  +11.55  -01.15  -00.00  +00.56  +02.03  +00.38
      +001.4  +002.7  +000.3  0191
-------------------------------------------------------------------------
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No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	-02.69 +002.8	-07.99 +067.7	+00.20 +000.7	+12.30 0097	+00.09	-00.03	+01.32	+03.05	+00.72
2	-02.69 +002.4	-06.99 +041.5	+00.20 +000.6	+13.10 0094	+00.21	-00.11	+01.23	+02.71	+00.65
3	-02.69 +002.6	-05.99 +011.8	+00.20 +000.6	+13.45 0094	-00.99	-00.15	+01.25	+03.04	+00.64
4	-02.69 +002.6	-04.99 +011.2	+00.20 +000.6	+13.69 0094	-01.13	-00.17	+01.43	+03.06	+00.72
5	-02.69 +002.7	-03.99 +003.4	+00.19 +000.6	+13.78 0096	-02.94	-00.10	+01.15	+03.38	+00.77
6	-02.69 +002.6	-02.99 +002.0	+00.19 +000.7	+12.98 0096	-04.97	-00.14	+01.02	+03.33	+00.79
7	-02.69 +002.2	-01.99 +001.4	+00.19 +000.6	+10.67 0180	-05.97	-00.43	+00.98	+03.44	+00.72
8	-02.69 +002.4	-00.99 +001.5	+00.18 +000.9	+06.82 0176	-06.65	-01.00	+01.06	+03.42	+00.70
9	-02.69 +006.5	+00.01 +013.7	+00.18 +001.5	+05.00 0261	-00.86	-02.27	+00.94	+04.56	+01.06
10	-02.69 +003.6	+01.01 +002.0	+00.18 +001.0	+07.67 0181	+04.29	-01.66	+01.15	+04.08	+00.80
11	-02.69 +002.2	+02.01 +000.9	+00.17 +000.6	+11.34 0182	+06.10	-00.53	+01.23	+03.63	+00.84
12	-02.69 +002.0	+03.01 +000.9	+00.16 +000.5	+13.43 0180	+06.06	-00.38	+01.10	+03.38	+00.75
13	-02.69 +001.9	+04.01 +001.2	+00.16 +000.4	+13.82 0183	+04.02	-00.25	+01.15	+03.16	+00.74
14	-02.69 +002.8	+05.01 +003.2	+00.15 +000.6	+13.60 0095	+02.16	-00.16	+01.34	+03.29	+00.77
15	-02.69 +002.9	+06.01 +008.6	+00.15 +000.6	+13.33 0096	+01.03	+00.01	+01.04	+03.34	+00.74
16	-02.69 +003.0	+07.01 +049.7	+00.14 +000.7	+13.04 0097	-00.15	+00.01	+01.25	+03.40	+00.77
17	-02.69 +002.7	+08.01 +007.7	+00.13 +000.5	+12.33 0095	+00.60	-00.12	+01.21	+02.88	+00.58

FILE:DAT45

No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	+05.01 +007.9	-04.96 +004.6	+00.20 +002.4	+04.93 0096	+03.36	+00.29	+02.55	+04.62	+01.03
2	+05.01 +012.7	-03.96 +040.1	+00.20 +002.6	+04.27 0177	+00.81	+00.55	+02.55	+05.88	+01.17
3	+05.01 +024.7	-03.46 +055.3	+00.20 +006.7	+02.11 0342	-00.13	+00.84	+02.47	+05.98	+01.54
4	+05.01 +075.1	-02.96 +090.2	+00.19 +021.3	-00.67 0177	-00.21	+00.46	+02.56	+06.08	+01.50
5	+05.01 +024.0	-02.46 +050.7	+00.19 +006.1	-02.03 0263	-00.39	+00.58	+02.40	+06.68	+01.65
6	+05.01 +014.0	-01.96 +010.9	+00.18 +003.9	-03.18 0259	-00.73	+00.25	+01.85	+05.95	+01.56
7	+05.01 +013.1	-01.46 +095.2	+00.18 +003.3	-03.66 0254	-00.32	-00.23	+01.87	+06.35	+01.63
8	+05.01 +013.0	-00.96 +020.4	+00.18 +003.6	-03.58 0381	+00.79	-00.57	+02.28	+08.41	+02.30
9	+05.01 +014.3	-00.46 +026.6	+00.18 +003.9	-03.58 0384	+00.71	-00.55	+02.39	+09.27	+02.45
10	+05.01 +013.4	+00.04 +048.2	+00.18 +003.8	-03.37 0686	+00.20	-00.02	+02.01	+09.60	+02.76
11	+05.01 +008.4	+00.54 +002.2	+00.18 +003.3	-03.28 0703	+02.40	-00.64	+02.23	+08.93	+02.46
12	+05.01 +011.5	+01.04 +003.8	+00.18 +004.3	-03.62 0383	+02.31	-00.38	+02.29	+10.06	+02.74
13	+05.01 +010.9	+01.54 +005.1	+00.17 +004.1	-03.28 0379	+02.32	-00.08	+02.41	+09.14	+02.32
14	+05.01 +015.1	+02.04 +016.6	+00.17 +004.4	-02.82 0379	+01.18	+00.21	+02.35	+08.58	+02.15
15	+05.01 +018.6	+02.54 +037.3	+00.16 +004.6	-02.58 0384	+00.58	+00.15	+02.49	+08.73	+02.08
16	+05.01 +043.8	+03.04 +038.0	+00.16 +012.6	-00.87 0391	-00.37	+00.23	+03.38	+07.73	+01.88
17	+05.01 +010.9	+03.54 +002.7	+00.16 +004.5	+02.19 0387	-02.23	+00.46	+03.80	+07.62	+01.68
18	+05.01 +008.9	+04.04 +003.0	+00.16 +002.8	+03.12 0383	-02.02	+00.22	+02.88	+06.59	+01.52
19	+05.01 +006.0	+04.54 +002.5	+00.15 +001.6	+04.63 0388	-01.96	+00.21	+02.60	+05.59	+01.27

20   +05.01   +05.04   +00.15   +05.24   -03.08   +00.25   +02.65   +05.59   +01.22
      +004.7   +001.7   +001.3   0388

```
-----------------------------------------------------------------------
FILE:DAT46

No.   Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy   DELyz   DELzx   Navg
-----------------------------------------------------------------------
 1   +05.00  -10.02  +00.20  +09.83  +03.49  +00.06  +01.30  +02.91  +00.69
     +002.2  +001.7  +000.6  0191
-----------------------------------------------------------------------
 2   +05.00  -09.02  +00.20  +09.88  +04.08  -00.12  +01.48  +03.34  +00.79
     +002.4  +001.4  +000.7  0191
-----------------------------------------------------------------------
 3   +05.00  -08.02  +00.20  +10.04  +03.57  +00.12  +01.63  +03.49  +00.82
     +002.5  +002.1  +000.7  0194
-----------------------------------------------------------------------
 4   +05.00  -07.02  +00.20  +09.97  +03.41  +00.26  +01.73  +03.77  +00.87
     +002.8  +002.6  +000.7  0191
-----------------------------------------------------------------------
 5   +05.00  -06.02  +00.20  +09.48  +04.62  +00.05  +01.93  +04.12  +00.92
     +002.9  +001.7  +000.8  0190
-----------------------------------------------------------------------
 6   +05.00  -05.02  +00.19  +08.54  +04.06  +00.22  +02.38  +05.07  +01.21
     +004.0  +002.9  +001.2  0191
-----------------------------------------------------------------------
 7   +05.00  -04.02  +00.19  +06.23  +05.00  +00.25  +02.65  +05.95  +01.36
     +005.1  +002.6  +001.8  0190
-----------------------------------------------------------------------
 8   +05.00  -03.02  +00.19  +02.44  +03.20  +00.60  +03.51  +07.55  +01.84
     +008.4  +005.8  +004.7  0359
-----------------------------------------------------------------------
 9   +05.00  -02.02  +00.18  -02.80  +00.62  +00.31  +02.23  +09.09  +01.82
     +016.0  +040.2  +003.4  0524
-----------------------------------------------------------------------
10   +05.00  -01.02  +00.18  -04.16  -01.37  -00.01  +01.77  +09.61  +02.16
     +010.8  +008.1  +002.7  0526
-----------------------------------------------------------------------
11   +05.00  -00.02  +00.18  -04.04  +00.26  -00.83  +01.85  +10.00  +02.44
     +013.0  +053.6  +003.0  0521
-----------------------------------------------------------------------
12   +05.00  +01.98  +00.18  -03.88  +00.89  +00.18  +01.90  +08.67  +01.87
     +011.4  +019.9  +002.6  0518
-----------------------------------------------------------------------
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FILE:DAT47

No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	+05.01 +003.4	-04.96 +004.3	+00.50 +000.9	+08.86 0193	+03.38	+00.86	+02.04	+04.11	+00.99
2	+05.01 +004.4	-03.96 +005.1	+00.50 +001.0	+08.42 0190	+03.69	+01.14	+02.20	+05.31	+01.05
3	+05.01 +005.4	-03.46 +005.9	+00.50 +001.4	+07.63 0189	+03.86	+01.23	+02.69	+06.22	+01.28
4	+05.01 +006.1	-02.96 +006.7	+00.49 +001.9	+05.34 0346	+03.42	+01.48	+03.03	+06.10	+01.31
5	+05.01 +009.6	-02.46 +010.3	+00.49 +006.4	+01.80 0338	+02.75	+01.49	+03.40	+06.70	+01.54
6	+05.01 +016.4	-01.96 +020.7	+00.48 +009.2	-00.64 0786	+01.33	+01.43	+03.21	+09.89	+02.46
7	+05.01 +011.3	-01.46 +008.5	+00.48 +004.6	-02.68 1044	+02.22	+00.35	+02.38	+13.59	+03.51
8	+05.01 +015.6	-00.96 +051.2	+00.48 +003.9	-03.54 1092	+00.45	-00.54	+02.32	+16.13	+04.04
9	+05.01 +014.1	-00.46 +016.9	+00.47 +003.5	-03.43 1096	+01.32	-01.66	+02.17	+16.27	+04.23
10	+05.01 +013.6	+00.04 +019.3	+00.47 +003.0	-03.58 1082	+01.01	-01.87	+02.42	+14.90	+03.76
11	+05.01 +009.8	+00.54 +007.2	+00.47 +003.0	-03.78 1071	+02.48	-01.69	+02.14	+14.98	+03.78
12	+05.01 +010.4	+01.04 +004.2	+00.46 +003.9	-03.28 1099	+02.53	-00.99	+02.68	+15.50	+04.04
13	+05.01 +013.0	+01.54 +007.4	+00.46 +004.9	-02.79 1090	+01.75	-00.01	+02.61	+14.30	+03.81
14	+05.01 +013.7	+02.04 +007.5	+00.46 +005.7	-02.01 0695	-01.98	+01.07	+02.89	+11.00	+02.63
15	+05.01 +004.4	+02.54 +002.7	+00.46 +009.1	+00.51 0696	-03.77	+01.58	+03.71	+08.96	+02.13
16	+05.01 +008.3	+03.04 +003.3	+00.45 +005.6	+02.56 0382	-03.67	+01.51	+04.30	+09.41	+02.27
17	+05.01 +004.5	+03.54 +001.4	+00.45 +001.9	+05.34 0380	-04.81	+01.53	+03.78	+06.72	+01.56
18	+05.01 +003.8	+04.04 +001.5	+00.45 +001.1	+07.70 0380	-04.42	+01.30	+03.24	+06.59	+01.45
19	+05.01 +003.0	+04.54 +001.4	+00.44 +000.8	+09.40 0384	-03.85	+01.13	+02.62	+05.72	+01.28

```
20    +05.01   +05.04   +00.44   +10.29   -04.99   +01.06   +01.93   +04.91   +01.03
      +003.2   +001.1   +000.8   0189
```

```
------------------------------------------------------------------------
FILE:DAT48

No.  Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
     DELxy   DELyz   DELzx   Navg
------------------------------------------------------------------------
 1   +09.99  -10.02  +00.51  +08.00  +03.92  -00.13  +00.95  +03.40  +00.75
     +005.6  +002.7  +001.5  0048
------------------------------------------------------------------------
 2   +09.99  -08.02  +00.50  +06.71  +02.40  +00.29  +01.36  +03.29  +00.72
     +005.5  +005.1  +001.2  0094
------------------------------------------------------------------------
 3   +09.99  -07.02  +00.50  +06.30  +01.35  +00.36  +01.47  +03.52  +00.70
     +004.8  +009.8  +001.0  0175
------------------------------------------------------------------------
 4   +09.99  -06.02  +00.50  +04.86  +01.08  +00.51  +01.60  +03.94  +00.89
     +007.5  +018.8  +001.7  0176
------------------------------------------------------------------------
 5   +09.99  -05.02  +00.49  +03.90  +00.88  +00.49  +01.34  +04.56  +01.07
     +008.7  +023.2  +002.2  0258
------------------------------------------------------------------------
 6   +09.99  -04.02  +00.49  +02.88  +00.78  +00.36  +01.45  +05.42  +01.28
     +011.3  +023.9  +002.8  0345
------------------------------------------------------------------------
 7   +09.99  -03.02  +00.49  +02.34  -00.68  +00.20  +01.69  +06.65  +01.69
     +014.9  +008.0  +004.1  0438
------------------------------------------------------------------------
 8   +09.99  -02.02  +00.48  +02.69  -01.25  -00.09  +01.91  +07.54  +01.89
     +011.7  +009.4  +003.5  0535
------------------------------------------------------------------------
 9   +09.99  -01.02  +00.48  +02.91  -00.81  -00.63  +01.72  +07.37  +01.89
     +011.0  +026.1  +002.9  0714
------------------------------------------------------------------------
10   +09.99  -00.02  +00.48  +03.01  +01.13  -01.12  +01.63  +07.21  +01.72
     +009.5  +011.8  +002.4  0705
------------------------------------------------------------------------
11   +09.99  +00.98  +00.48  +02.95  +01.36  -00.75  +01.90  +07.73  +01.83
     +009.7  +007.7  +002.6  0724
------------------------------------------------------------------------
12   +09.99  +01.98  +00.47  +02.66  +01.82  -00.21  +01.82  +08.07  +02.00
     +009.6  +003.3  +003.4  0730
------------------------------------------------------------------------
13   +09.99  +02.98  +00.47  +02.27  +01.52  +00.35  +01.63  +07.26  +01.68
     +010.3  +009.1  +003.3  0713
------------------------------------------------------------------------
14   +09.99  +03.98  +00.47  +02.56  +00.44  +00.39  +01.65  +06.17  +01.35
     +010.9  +039.3  +002.5  0715
------------------------------------------------------------------------
15   +09.99  +04.98  +00.46  +03.75  -00.90  +00.35  +01.88  +05.88  +01.26
     +008.5  +008.8  +001.9  0381
------------------------------------------------------------------------
16   +09.99  +05.98  +00.45  +04.68  -01.23  +00.40  +01.93  +05.80  +01.41
     +006.7  +004.5  +001.7  0390
------------------------------------------------------------------------
17   +09.99  +06.98  +00.45  +05.82  -02.25  +00.43  +01.87  +05.04  +01.16
     +004.4  +001.7  +001.1  0386
------------------------------------------------------------------------
18   +09.99  +07.98  +00.44  +06.60  -02.17  +00.26  +01.65  +04.61  +01.07
     +003.6  +001.8  +000.9  0389
------------------------------------------------------------------------
19   +09.99  +08.98  +00.44  +07.52  -02.36  +00.19  +01.34  +04.18  +00.95
     +002.9  +001.7  +000.7  0383
------------------------------------------------------------------------
```

```
20   +09.99  +09.98  +00.43  +07.35  -02.44  +00.14  +01.31  +04.20  +00.94
     +002.9  +001.8  +000.7  0386
```

FILE:DAT49

No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	+19.99 +005.7	-10.02 +004.2	+00.51 +001.5	+06.06 0094	+01.93	-00.07	+01.45	+03.19	+00.80
2	+19.99 +008.9	-09.02 +095.1	+00.51 +001.9	+05.46 0095	+00.29	+00.34	+01.34	+04.20	+00.92
3	+19.99 +008.9	-08.02 +167.6	+00.50 +002.1	+04.85 0096	+00.13	+00.21	+01.57	+03.78	+00.88
4	+19.99 +010.8	-07.02 +019.4	+00.50 +002.1	+04.79 0095	-00.62	+00.22	+01.65	+04.55	+00.85
5	+19.99 +011.4	-06.02 +021.5	+00.50 +002.9	+04.50 0095	-00.51	+00.20	+01.54	+04.52	+01.14
6	+19.99 +009.3	-04.02 +004.1	+00.49 +002.7	+03.73 0176	-01.88	+00.14	+01.35	+04.57	+01.07
7	+19.99 +010.3	-03.02 +012.2	+00.49 +002.7	+04.01 0179	-01.16	-00.10	+01.67	+04.93	+01.17
8	+19.99 +008.0	-02.02 +006.4	+00.48 +002.4	+04.25 0274	-01.69	-00.04	+01.47	+05.37	+01.34
9	+19.99 +007.1	-01.52 +007.8	+00.48 +002.0	+04.07 0389	-01.29	-00.10	+01.99	+05.51	+01.42
10	+19.99 +007.0	-01.02 +027.8	+00.48 +001.8	+04.58 0384	-00.64	-00.26	+01.55	+05.75	+01.46
11	+19.99 +007.7	-00.52 +028.0	+00.48 +001.9	+04.44 0386	-00.63	-00.23	+01.62	+06.11	+01.46
12	+19.99 +007.4	-00.02 +033.3	+00.47 +001.8	+04.55 0384	-00.51	-00.17	+01.46	+05.96	+01.45
13	+19.99 +007.5	+00.48 +116.5	+00.47 +001.8	+04.50 0384	-00.03	-00.30	+01.79	+05.92	+01.43
14	+19.99 +008.1	+00.98 +034.8	+00.47 +002.0	+04.22 0382	+00.36	-00.28	+01.56	+05.99	+01.49
15	+19.99 +008.1	+01.48 +010.4	+00.46 +002.0	+04.20 0384	+00.46	-00.10	+01.51	+05.99	+01.46
16	+19.99 +009.0	+01.98 +013.2	+00.46 +002.2	+04.23 0286	+00.54	-00.04	+01.58	+05.86	+01.42
17	+19.99 +009.2	+02.48 +010.1	+00.46 +002.2	+04.19 0294	+00.77	-00.03	+01.84	+06.07	+01.39
18	+19.99 +008.9	+02.98 +015.5	+00.46 +002.3	+04.12 0288	+00.84	+00.10	+01.56	+05.73	+01.43
19	+19.99 +008.8	+03.48 +005.7	+00.45 +002.4	+03.89 0289	+01.47	-00.05	+01.72	+05.89	+01.43

83

| 20 | +19.99 | +04.48 | +00.45 | +03.51 | +01.26 | +00.06 | +01.65 | +05.75 | +01.37 |
| | +009.6 | +008.3 | +002.5 | 0290 | | | | | |

| 21 | +19.99 | +05.48 | +00.45 | +03.81 | +00.97 | +00.15 | +01.55 | +05.37 | +01.26 |
| | +008.9 | +013.4 | +002.2 | 0286 | | | | | |

| 22 | +19.99 | +05.98 | +00.44 | +04.01 | +00.74 | +00.15 | +01.66 | +05.67 | +01.25 |
| | +009.1 | +019.4 | +002.1 | 0288 | | | | | |

| 23 | +19.99 | +06.98 | +00.44 | +04.39 | -00.09 | +00.16 | +01.65 | +05.32 | +01.29 |
| | +008.0 | +148.6 | +002.0 | 0288 | | | | | |

| 24 | +19.99 | +07.98 | +00.43 | +04.92 | -00.61 | +00.07 | +01.77 | +04.77 | +01.11 |
| | +006.3 | +008.1 | +001.5 | 0286 | | | | | |

```
-----------------------------------------------------------------------
FILE:DAT50

No.   Xcm      Ycm      Zcm      Um/s     Vm/s     Wm/s     Su       Sv       Sw
      DELxy    DELyz    DELzx    Navg
-----------------------------------------------------------------------
 1    +05.01   -04.96   +00.75   +10.62   +03.57   +01.16   +01.52   +03.72   +00.92
      +002.6   +004.1   +000.7   0192
-----------------------------------------------------------------------
 2    +05.01   -03.96   +00.75   +10.70   +03.79   +01.86   +01.93   +04.80   +01.17
      +003.3   +005.8   +000.9   0192
-----------------------------------------------------------------------
 3    +05.01   -02.96   +00.75   +08.91   +03.13   +02.43   +02.09   +05.30   +01.23
      +004.2   +008.2   +001.1   0337
-----------------------------------------------------------------------
 4    +05.01   -02.46   +00.74   +05.94   +04.68   +02.27   +03.54   +07.10   +01.66
      +005.6   +006.2   +002.2   0350
-----------------------------------------------------------------------
 5    +05.01   -01.96   +00.74   +02.49   +05.69   +02.02   +04.03   +07.78   +01.87
      +004.4   +004.6   +004.6   0512
-----------------------------------------------------------------------
 6    +05.01   -01.46   +00.73   -01.21   +03.63   +01.62   +03.18   +11.34   +02.73
      +005.0   +007.5   +005.7   1004
-----------------------------------------------------------------------
 7    +05.01   -00.96   +00.73   -02.20   +05.60   -00.40   +02.90   +19.36   +04.96
      +003.4   +001.8   +005.7   1827
-----------------------------------------------------------------------
 8    +05.01   -00.46   +00.73   -02.56   +05.22   -02.09   +02.90   +19.88   +04.80
      +004.1   +002.2   +003.3   1874
-----------------------------------------------------------------------
 9    +05.01   +00.04   +00.72   -02.93   +03.11   -02.92   +02.83   +17.62   +04.18
      +008.5   +006.9   +002.6   1475
-----------------------------------------------------------------------
10    +05.01   +00.54   +00.72   -03.01   +04.29   -02.98   +02.92   +16.97   +04.14
      +005.8   +004.2   +002.6   1467
-----------------------------------------------------------------------
11    +05.01   +01.04   +00.71   -02.57   +01.12   -01.58   +03.01   +17.76   +04.57
      +017.6   +019.4   +004.1   1466
-----------------------------------------------------------------------
12    +05.01   +01.54   +00.71   -01.38   -00.79   +00.20   +03.15   +16.25   +04.50
      +028.1   +008.3   +009.6   1428
-----------------------------------------------------------------------
13    +05.01   +02.04   +00.70   -00.13   -04.09   +01.95   +03.78   +10.09   +02.54
      +004.1   +003.3   +008.3   0684
-----------------------------------------------------------------------
14    +05.01   +02.54   +00.70   +02.54   -04.29   +02.17   +04.34   +08.00   +01.89
      +005.2   +002.6   +004.0   0692
-----------------------------------------------------------------------
15    +05.01   +03.04   +00.69   +05.16   -03.91   +01.98   +03.97   +07.55   +01.70
      +005.7   +003.2   +002.2   0381
-----------------------------------------------------------------------
16    +05.01   +03.54   +00.69   +07.61   -04.27   +02.04   +03.32   +06.14   +01.46
      +003.7   +002.2   +001.2   0380
-----------------------------------------------------------------------
17    +05.01   +04.04   +00.69   +09.47   -04.45   +01.85   +02.59   +05.85   +01.32
      +002.9   +001.8   +000.8   0384
-----------------------------------------------------------------------
18    +05.01   +04.54   +00.68   +10.54   -04.46   +01.62   +01.87   +05.23   +01.09
      +002.4   +001.5   +000.6   0382
-----------------------------------------------------------------------
19    +05.01   +05.04   +00.68   +10.75   -04.34   +01.40   +01.76   +05.10   +01.07
      +002.4   +001.3   +000.6   0383
-----------------------------------------------------------------------
```

FILE:DAT51

No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	+04.99 +001.9	-07.99 +004.9	+01.51 +000.5	+12.61 0196	+02.51	+00.86	+01.11	+03.09	+00.74
2	+04.99 +001.7	-06.99 +002.8	+01.51 +000.4	+12.12 0191	+03.53	+00.99	+01.10	+02.75	+00.64
3	+04.99 +002.3	-05.99 +005.9	+01.50 +000.6	+11.75 0193	+02.79	+01.49	+01.23	+03.47	+00.87
4	+04.99 +002.2	-04.99 +004.7	+01.50 +000.6	+11.61 0190	+03.52	+01.86	+01.24	+03.44	+00.90
5	+04.99 +003.0	-03.99 +005.5	+01.50 +000.8	+10.99 0194	+04.07	+02.54	+01.60	+04.55	+01.17
6	+04.99 +004.1	-02.99 +005.8	+01.49 +001.1	+09.71 0189	+04.93	+02.99	+01.62	+06.04	+01.35
7	+04.99 +003.5	-02.49 +004.9	+01.49 +001.0	+08.95 0336	+04.82	+03.01	+01.44	+05.19	+01.23
8	+04.99 +004.3	-01.99 +004.8	+01.48 +001.5	+07.74 0324	+05.90	+02.78	+01.40	+06.50	+01.58
9	+04.99 +005.8	-01.49 +007.5	+01.48 +001.7	+05.81 0644	+03.99	+03.02	+02.21	+08.49	+02.03
10	+04.99 +006.3	-00.99 +005.0	+01.48 +002.9	+04.43 1221	+04.50	+00.97	+02.14	+15.82	+03.95
11	+04.99 +012.0	-00.49 +003.7	+01.48 +003.8	+03.02 1463	+02.10	-00.44	+02.36	+18.41	+03.90
12	+04.99 +013.2	+00.01 +016.4	+01.47 +004.1	+02.71 1079	-01.95	-01.23	+02.33	+15.04	+03.53
13	+04.99 +008.8	+00.51 +009.5	+01.47 +003.7	+02.94 1066	-02.81	-01.20	+02.39	+13.60	+03.41
14	+04.99 +004.6	+01.01 +002.4	+01.47 +003.1	+04.16 1054	-05.20	+00.01	+02.50	+13.03	+03.58
15	+04.99 +003.3	+01.51 +000.9	+01.46 +002.2	+05.64 0687	-07.82	+02.08	+02.29	+10.70	+02.71
16	+04.99 +003.4	+02.01 +001.4	+01.46 +001.4	+06.97 0673	-06.53	+02.76	+02.23	+08.20	+02.11
17	+04.99 +004.0	+02.51 +001.9	+01.46 +001.6	+08.20 0282	-07.03	+03.24	+02.32	+08.33	+02.09
18	+04.99 +003.7	+03.01 +002.4	+01.46 +001.1	+08.92 0285	-05.47	+02.99	+01.86	+06.71	+01.59
19	+04.99 +003.1	+03.51 +002.1	+01.45 +000.9	+09.79 0286	-05.47	+02.83	+01.46	+06.05	+01.40

```
20    +04.99  +04.01  +01.45  +10.08  -05.68  +02.80  +01.55  +05.80  +01.36
      +003.6  +002.3  +001.1  0190
------------------------------------------------------------------------------
21    +04.99  +04.51  +01.45  +10.33  -03.42  +02.03  +01.37  +04.81  +01.05
      +003.4  +003.8  +000.8  0194
------------------------------------------------------------------------------
22    +04.99  +05.01  +01.45  +10.86  -04.15  +01.85  +01.35  +04.60  +00.88
      +003.0  +002.5  +000.6  0193
------------------------------------------------------------------------------
23    +04.99  +05.51  +01.44  +11.53  -03.59  +01.55  +01.14  +04.65  +01.11
      +003.0  +002.5  +000.8  0191
------------------------------------------------------------------------------
24    +04.99  +06.01  +01.44  +11.54  -04.14  +01.42  +01.20  +04.60  +01.08
      +002.9  +001.7  +000.8  0192
------------------------------------------------------------------------------
25    +04.99  +07.01  +01.44  +12.18  -04.36  +01.10  +01.12  +03.95  +00.93
      +002.4  +001.1  +000.6  0191
------------------------------------------------------------------------------
26    +04.99  +08.01  +01.43  +12.37  -03.20  +00.76  +01.18  +04.09  +00.99
      +002.5  +001.4  +000.6  0195
------------------------------------------------------------------------------
```

```
------------------------------------------------------------------------
FILE:DAT52

No.   Xcm      Ycm      Zcm      Um/s     Vm/s     Wm/s     Su       Sv       Sw
      DELxy    DELyz    DELzx    Navg
------------------------------------------------------------------------
 1    +10.01   -03.50   +01.50   +08.01   +03.69   +01.56   +01.81   +05.76   +01.44
      +005.3   +007.6   +001.6   0257
------------------------------------------------------------------------
 2    +10.01   -03.00   +01.50   +07.40   +04.52   +01.37   +02.27   +06.79   +01.67
      +005.4   +005.6   +001.8   0254
------------------------------------------------------------------------
 3    +10.01   -02.50   +01.50   +06.27   +03.53   +01.39   +02.22   +07.69   +01.67
      +006.4   +007.7   +001.9   0407
------------------------------------------------------------------------
 4    +10.01   -02.00   +01.49   +05.82   +04.61   +00.73   +02.40   +10.16   +02.55
      +004.9   +003.7   +001.9   0772
------------------------------------------------------------------------
 5    +10.01   -01.50   +01.49   +05.21   +03.68   +00.30   +02.43   +12.02   +02.91
      +006.8   +004.4   +002.5   0793
------------------------------------------------------------------------
 6    +10.01   -01.00   +01.49   +04.72   +01.87   -00.23   +02.09   +12.80   +02.86
      +009.7   +004.4   +002.6   0799
------------------------------------------------------------------------
 7    +10.01   -00.50   +01.49   +04.03   +01.68   -00.88   +02.37   +13.01   +03.04
      +011.2   +009.1   +003.0   0822
------------------------------------------------------------------------
 8    +10.01   +00.00   +01.48   +03.78   +01.03   -01.08   +02.36   +12.69   +03.08
      +013.0   +021.2   +003.2   0808
------------------------------------------------------------------------
 9    +10.01   +00.50   +01.48   +03.87   -00.24   -01.04   +02.54   +12.19   +03.14
      +016.5   +061.4   +003.9   0539
------------------------------------------------------------------------
10    +10.01   +01.00   +01.48   +03.55   -02.00   -00.33   +02.44   +12.05   +03.22
      +013.3   +012.1   +004.4   0536
------------------------------------------------------------------------
11    +10.01   +01.50   +01.48   +03.87   -01.29   -00.04   +02.73   +12.18   +03.26
      +014.6   +013.6   +004.1   0541
------------------------------------------------------------------------
12    +10.01   +02.00   +01.48   +04.08   -01.17   +00.37   +02.98   +13.24   +03.53
      +019.9   +011.3   +005.7   0287
------------------------------------------------------------------------
13    +10.01   +02.50   +01.47   +04.88   -02.78   +01.41   +03.42   +10.74   +02.72
      +011.2   +006.8   +003.5   0289
------------------------------------------------------------------------
14    +10.01   +03.00   +01.47   +06.38   -02.59   +01.36   +02.82   +10.04   +02.52
      +009.1   +007.1   +002.6   0283
------------------------------------------------------------------------
15    +10.01   +03.50   +01.47   +07.16   -03.07   +01.71   +02.83   +07.74   +01.80
      +006.1   +005.2   +001.7   0285
------------------------------------------------------------------------
```

FILE:DAT53

| No. | Xcm | Ycm | Zcm | Um/s | Vm/s | Wm/s | Su | Sv | Sw |
	DELxy	DELyz	DELzx	Navg					
1	+19.99	-10.02	+01.51	+09.36	+01.51	+00.36	+01.04	+02.78	+00.70
	+003.4	+009.3	+000.9	0095					
2	+19.99	-09.02	+01.51	+08.75	+01.35	+00.50	+01.47	+03.46	+00.87
	+004.4	+015.5	+001.1	0096					
3	+19.99	-08.02	+01.50	+08.20	+01.16	+00.52	+01.54	+04.38	+00.98
	+006.0	+022.5	+001.4	0098					
4	+19.99	-07.02	+01.50	+06.99	+00.99	+00.61	+01.73	+04.67	+01.02
	+007.6	+031.0	+001.7	0095					
5	+19.99	-06.02	+01.50	+06.00	+01.33	+00.53	+01.81	+04.37	+01.08
	+006.9	+017.2	+001.7	0173					
6	+19.99	-05.02	+01.50	+05.84	+01.13	+00.54	+01.87	+05.36	+01.19
	+008.6	+026.0	+002.1	0176					
7	+19.99	-04.02	+01.49	+05.34	+00.00	+00.53	+01.57	+06.76	+01.65
	+009.0	+092.0	+002.2	0272					
8	+19.99	-03.02	+01.49	+05.47	+00.10	+00.01	+01.57	+06.69	+01.59
	+009.0	+146.2	+002.1	0264					
9	+19.99	-02.52	+01.49	+05.08	+00.52	-00.27	+01.88	+08.15	+02.08
	+010.6	+028.7	+002.7	0288					
10	+19.99	-02.02	+01.48	+05.26	-00.43	-00.32	+01.69	+08.09	+02.01
	+010.1	+076.5	+002.5	0288					
11	+19.99	-01.52	+01.48	+05.17	-00.45	-00.58	+01.66	+07.28	+01.87
	+007.1	+047.2	+001.8	0539					
12	+19.99	-01.02	+01.48	+05.02	-00.04	-00.72	+01.65	+06.86	+01.71
	+006.9	+048.7	+001.7	0546					
13	+19.99	-00.52	+01.47	+05.27	-00.24	-00.78	+01.50	+06.49	+01.57
	+006.5	+042.5	+001.6	0532					
14	+19.99	-00.02	+01.47	+05.34	-01.25	-00.54	+01.50	+06.67	+01.62
	+006.2	+015.2	+001.6	0532					
15	+19.99	+00.48	+01.47	+05.24	-00.53	-00.73	+01.66	+06.22	+01.47
	+006.5	+035.6	+001.6	0531					
16	+19.99	+00.98	+01.47	+05.11	-00.61	-00.70	+01.50	+05.77	+01.48
	+006.3	+031.4	+001.7	0522					
17	+19.99	+01.48	+01.46	+05.12	-01.21	-00.34	+01.59	+07.19	+01.75
	+007.0	+014.6	+001.8	0539					
18	+19.99	+01.98	+01.46	+04.93	-00.86	-00.39	+01.54	+07.52	+01.88
	+007.5	+025.0	+002.0	0547					
19	+19.99	+02.48	+01.46	+04.88	-01.25	-00.22	+01.80	+07.69	+01.95
	+007.4	+012.4	+002.0	0549					

| 20 | +19.99 | +02.98 | +01.45 | +04.95 | -00.41 | -00.08 | +01.64 | +07.28 | +01.84 |
	+007.5	+037.2	+001.8	0537					
21	+19.99	+03.98	+01.45	+04.97	-01.42	+00.29	+01.72	+07.25	+01.68
	+008.2	+004.3	+002.1	0365					
22	+19.99	+04.98	+01.45	+05.57	-01.41	+00.69	+02.06	+06.91	+01.75
	+009.4	+009.9	+002.5	0191					
23	+19.99	+05.98	+01.44	+06.20	-01.92	+00.81	+02.05	+06.29	+01.50
	+007.6	+006.1	+002.0	0192					
24	+19.99	+06.98	+01.43	+07.17	-02.31	+00.72	+02.22	+05.30	+01.34
	+005.5	+002.9	+001.5	0192					
25	+19.99	+07.98	+01.43	+08.26	-01.33	+00.50	+01.88	+04.41	+01.03
	+004.2	+005.6	+001.0	0192					
26	+19.99	+08.98	+01.42	+08.81	-01.72	+00.47	+01.41	+04.66	+01.05
	+004.1	+003.5	+001.0	0191					
27	+19.99	+09.98	+01.42	+09.26	-02.10	+00.55	+01.43	+04.34	+01.12
	+003.6	+002.2	+001.0	0194					

No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	+05.01 +001.3	-07.99 +003.1	+02.99 +000.4	+14.19 0194	+03.23	+01.23	+00.86	+02.30	+00.62
2	+05.01 +001.2	-06.99 +002.3	+02.99 +000.3	+14.21 0191	+04.15	+01.53	+01.01	+02.27	+00.58
3	+05.01 +001.3	-05.99 +002.1	+02.99 +000.4	+14.04 0192	+04.96	+02.02	+01.02	+02.39	+00.62
4	+05.01 +001.7	-04.99 +002.9	+02.98 +000.5	+13.51 0192	+05.04	+02.82	+01.07	+03.07	+00.78
5	+05.01 +002.2	-03.99 +003.7	+02.98 +000.7	+12.31 0189	+05.25	+03.66	+00.90	+03.83	+01.04
6	+05.01 +002.7	-02.99 +003.6	+02.97 +000.8	+10.75 0189	+06.40	+04.27	+01.32	+04.63	+01.17
7	+05.01 +003.8	-01.99 +004.6	+02.97 +001.2	+09.32 0189	+07.21	+04.60	+01.47	+06.78	+01.63
8	+05.01 +003.4	-01.49 +003.9	+02.96 +001.3	+07.77 0335	+07.23	+04.26	+01.61	+06.79	+01.72
9	+05.01 +004.5	-00.99 +005.4	+02.96 +001.5	+06.40 0509	+05.75	+03.93	+01.58	+08.97	+02.02
10	+05.01 +004.6	-00.49 +005.2	+02.95 +001.6	+05.07 0778	+05.11	+02.96	+01.65	+11.06	+02.29
11	+05.01 +009.6	+00.01 +014.2	+02.95 +001.7	+04.65 0792	+01.30	+03.12	+01.86	+11.44	+02.24
12	+05.01 +009.9	+00.51 +016.6	+02.94 +001.9	+05.18 0523	-00.69	+02.93	+01.91	+09.67	+02.15
13	+05.01 +006.5	+01.01 +007.1	+02.94 +001.6	+05.98 0514	-02.86	+03.47	+01.88	+08.66	+02.00
14	+05.01 +004.2	+01.51 +003.8	+02.93 +001.2	+07.51 0517	-04.43	+04.03	+01.52	+07.67	+01.89
15	+05.01 +004.8	+02.01 +004.0	+02.93 +001.4	+08.60 0291	-05.43	+04.54	+02.08	+08.59	+02.11
16	+05.01 +003.6	+02.51 +003.1	+02.93 +001.0	+09.73 0286	-06.03	+04.70	+01.70	+07.25	+01.64
17	+05.01 +002.9	+03.01 +002.4	+02.92 +000.8	+11.08 0288	-06.89	+04.63	+01.61	+06.77	+01.44
18	+05.01 +002.4	+03.51 +001.9	+02.92 +000.6	+11.91 0286	-06.63	+04.13	+01.34	+05.58	+01.21
19	+05.01 +002.2	+04.01 +001.6	+02.92 +000.6	+12.22 0287	-06.29	+03.66	+01.33	+04.97	+01.16

20	+05.01	+05.01	+02.91	+13.29	-06.12	+02.92	+01.18	+03.96	+00.91
	+001.6	+001.1	+000.4	0287					

21	+05.01	+06.01	+02.91	+13.96	-05.00	+02.07	+01.04	+03.72	+00.75
	+001.6	+001.3	+000.4	0286					

22	+05.01	+07.01	+02.90	+13.96	-04.19	+01.49	+00.89	+03.54	+00.78
	+001.5	+001.1	+000.4	0286					

23	+05.01	+08.01	+02.90	+14.05	-03.79	+01.04	+00.72	+02.88	+00.64
	+001.3	+000.8	+000.3	0286					

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----------------------------------------------------------------------
FILE:DAT55

No.  Xcm    Ycm    Zcm    Um/s   Vm/s   Wm/s   Su     Sv     Sw
     DELxy  DELyz  DELzx  Navg
----------------------------------------------------------------------
 1  +05.01 -07.99 +02.99 +14.19 +03.23 +01.23 +00.86 +02.30 +00.62
    +001.3 +003.1 +000.4 0194
----------------------------------------------------------------------
 2  +05.01 -06.99 +02.99 +14.21 +04.15 +01.53 +01.01 +02.27 +00.58
    +001.2 +002.3 +000.3 0191
----------------------------------------------------------------------
 3  +05.01 -05.99 +02.99 +14.04 +04.96 +02.02 +01.02 +02.39 +00.62
    +001.3 +002.1 +000.4 0192
----------------------------------------------------------------------
 4  +05.01 -04.99 +02.98 +13.51 +05.04 +02.82 +01.07 +03.07 +00.78
    +001.7 +002.9 +000.5 0192
----------------------------------------------------------------------
 5  +05.01 -03.99 +02.98 +12.31 +05.25 +03.66 +00.90 +03.83 +01.04
    +002.2 +003.7 +000.7 0189
----------------------------------------------------------------------
 6  +05.01 -02.99 +02.97 +10.75 +06.40 +04.27 +01.32 +04.63 +01.17
    +002.7 +003.6 +000.8 0189
----------------------------------------------------------------------
 7  +05.01 -01.99 +02.97 +09.32 +07.21 +04.60 +01.47 +06.78 +01.63
    +003.8 +004.6 +001.2 0189
----------------------------------------------------------------------
 8  +05.01 -01.49 +02.96 +07.77 +07.23 +04.26 +01.61 +06.79 +01.72
    +003.4 +003.9 +001.3 0335
----------------------------------------------------------------------
 9  +05.01 -00.99 +02.96 +06.40 +05.75 +03.93 +01.58 +08.97 +02.02
    +004.5 +005.4 +001.5 0509
----------------------------------------------------------------------
10  +05.01 -00.49 +02.95 +05.07 +05.11 +02.96 +01.65 +11.06 +02.29
    +004.6 +005.2 +001.6 0778
----------------------------------------------------------------------
11  +05.01 +00.01 +02.95 +04.65 +01.30 +03.12 +01.86 +11.44 +02.24
    +009.6 +014.2 +001.7 0792
----------------------------------------------------------------------
12  +05.01 +00.51 +02.94 +05.18 -00.69 +02.93 +01.91 +09.67 +02.15
    +009.9 +016.6 +001.9 0523
----------------------------------------------------------------------
13  +05.01 +01.01 +02.94 +05.98 -02.86 +03.47 +01.88 +08.66 +02.00
    +006.5 +007.1 +001.6 0514
----------------------------------------------------------------------
14  +05.01 +01.51 +02.93 +07.51 -04.43 +04.03 +01.52 +07.67 +01.89
    +004.2 +003.8 +001.2 0517
----------------------------------------------------------------------
15  +05.01 +02.01 +02.93 +08.60 -05.43 +04.54 +02.08 +08.59 +02.11
    +004.8 +004.0 +001.4 0291
----------------------------------------------------------------------
16  +05.01 +02.51 +02.93 +09.73 -06.03 +04.70 +01.70 +07.25 +01.64
    +003.6 +003.1 +001.0 0286
----------------------------------------------------------------------
17  +05.01 +03.01 +02.92 +11.08 -06.89 +04.63 +01.61 +06.77 +01.44
    +002.9 +002.4 +000.8 0288
----------------------------------------------------------------------
18  +05.01 +03.51 +02.92 +11.91 -06.63 +04.13 +01.34 +05.58 +01.21
    +002.4 +001.9 +000.6 0286
----------------------------------------------------------------------
19  +05.01 +04.01 +02.92 +12.22 -06.29 +03.66 +01.33 +04.97 +01.16
    +002.2 +001.6 +000.6 0287
----------------------------------------------------------------------
```

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```
20   +05.01   +05.01   +02.91   +13.29   -06.12   +02.92   +01.18   +03.96   +00.91
     +001.6   +001.1   +000.4   0287
--------------------------------------------------------------------------------
21   +05.01   +06.01   +02.91   +13.96   -05.00   +02.07   +01.04   +03.72   +00.75
     +001.6   +001.3   +000.4   0286
--------------------------------------------------------------------------------
22   +05.01   +07.01   +02.90   +13.96   -04.19   +01.49   +00.89   +03.54   +00.78
     +001.5   +001.1   +000.4   0286
--------------------------------------------------------------------------------
23   +05.01   +08.01   +02.90   +14.05   -03.79   +01.04   +00.72   +02.88   +00.64
     +001.3   +000.8   +000.3   0286
--------------------------------------------------------------------------------
```

```
------------------------------------------------------------
FILE:DAT56

No.   Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy   DELyz   DELzx   Navg
------------------------------------------------------------
 1   -09.99  -10.02  +14.99  +11.13  -00.43  -00.92  +00.55  +02.37  +00.53
     +001.7  +018.2  +000.4  0194
------------------------------------------------------------
 2   -09.99  -09.02  +14.99  +11.26  -00.01  -00.95  +00.24  +02.28  +00.50
     +001.6  +019.3  +000.4  0195
------------------------------------------------------------
 3   -09.99  -08.02  +14.99  +11.14  -00.32  -01.01  +00.25  +02.41  +00.52
     +001.7  +018.3  +000.4  0196
------------------------------------------------------------
 4   -09.99  -07.02  +14.98  +10.94  -00.40  -01.06  +00.25  +02.38  +00.56
     +001.7  +016.9  +000.4  0194
------------------------------------------------------------
 5   -09.99  -06.02  +14.98  +10.81  -00.84  -01.17  +00.23  +02.46  +00.54
     +001.8  +012.4  +000.4  0196
------------------------------------------------------------
 6   -09.99  -05.02  +14.97  +10.80  -00.15  -01.12  +00.25  +02.47  +00.52
     +001.8  +018.0  +000.4  0193
------------------------------------------------------------
 7   -09.99  -04.02  +14.97  +10.57  -00.71  -01.07  +00.24  +02.43  +00.52
     +001.8  +014.2  +000.4  0190
------------------------------------------------------------
 8   -09.99  -03.02  +14.96  +10.55  -00.54  -01.03  +00.27  +02.51  +00.49
     +001.9  +016.7  +000.4  0195
------------------------------------------------------------
 9   -09.99  -02.02  +14.95  +10.38  -00.72  -00.99  +00.30  +02.48  +00.49
     +001.9  +014.8  +000.4  0193
------------------------------------------------------------
10   -09.99  -01.02  +14.95  +10.39  -00.88  -00.99  +00.26  +02.58  +00.62
     +002.0  +013.7  +000.5  0195
------------------------------------------------------------
11   -09.99  -00.02  +14.94  +10.34  +00.52  -01.02  +00.29  +02.28  +00.47
     +001.8  +013.2  +000.4  0195
------------------------------------------------------------
12   -09.99  +00.98  +14.94  +10.48  +00.56  -01.11  +00.34  +02.35  +00.50
     +001.8  +012.5  +000.4  0195
------------------------------------------------------------
13   -09.99  +01.98  +14.93  +10.37  +00.60  -01.15  +00.31  +02.47  +00.51
     +001.9  +012.6  +000.4  0195
------------------------------------------------------------
14   -09.99  +02.98  +14.93  +10.66  +00.29  -01.08  +00.29  +02.60  +00.58
     +002.0  +017.1  +000.4  0196
------------------------------------------------------------
15   -09.99  +03.98  +14.92  +10.75  +01.03  -01.15  +00.42  +02.72  +00.58
     +002.0  +009.2  +000.4  0192
------------------------------------------------------------
16   -09.99  +04.98  +14.91  +10.86  +00.85  -01.21  +00.34  +02.63  +00.52
     +001.9  +010.6  +000.4  0194
------------------------------------------------------------
17   -09.99  +05.98  +14.91  +10.98  +00.60  -01.02  +00.35  +02.55  +00.51
     +001.9  +013.6  +000.4  0194
------------------------------------------------------------
18   -09.99  +06.98  +14.90  +11.14  +00.93  -01.09  +00.35  +02.71  +00.54
     +001.9  +010.2  +000.4  0193
------------------------------------------------------------
19   -09.99  +07.98  +14.90  +11.41  +00.74  -00.91  +00.35  +02.67  +00.60
     +001.9  +012.2  +000.4  0193
------------------------------------------------------------
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95

```
20    -09.99  +08.98  +14.89  +11.48  +01.28  -01.01  +00.34  +02.67  +00.58
      +001.8  +006.6  +000.4  0194
--------------------------------------------------------------------------------
21    -09.99  +09.98  +14.89  +11.53  +00.86  -00.96  +00.36  +02.76  +00.62
      +001.9  +011.0  +000.4  0194
--------------------------------------------------------------------------------
```

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----------------------------------------------------------------------
FILE:DAT57

No.   Xcm      Ycm      Zcm      Um/s     Vm/s     Wm/s     Su       Sv       Sw
      DELxy    DELyz    DELzx    Navg
----------------------------------------------------------------------
 1    +04.00   -10.02   +10.01   +16.26   +03.94   -00.63   +01.36   +03.06   +00.80
      +001.5   +001.0   +000.4   0189
----------------------------------------------------------------------
 2    +04.00   -09.72   +10.01   +17.08   +04.30   -00.74   +00.79   +03.17   +00.82
      +001.4   +000.9   +000.4   0194
----------------------------------------------------------------------
 3    +04.00   -09.42   +10.01   +17.42   +04.32   -00.76   +00.75   +03.56   +00.85
      +001.5   +001.0   +000.4   0195
----------------------------------------------------------------------
 4    +04.00   -08.92   +10.00   +17.91   +04.74   -00.83   +00.95   +03.56   +00.87
      +001.5   +000.9   +000.4   0191
----------------------------------------------------------------------
 5    +04.00   -08.42   +10.00   +18.43   +05.33   -00.62   +01.22   +03.96   +00.90
      +001.6   +000.9   +000.4   0192
----------------------------------------------------------------------
 6    +04.00   -07.92   +10.00   +19.12   +06.35   -00.71   +01.09   +05.29   +01.17
      +002.0   +001.0   +000.5   0193
----------------------------------------------------------------------
 7    +04.00   -07.42   +09.99   +19.94   +08.26   -00.74   +01.57   +06.11   +01.55
      +002.1   +001.1   +000.6   0193
----------------------------------------------------------------------
 8    +04.00   -06.92   +09.99   +20.51   +08.50   -00.06   +01.63   +06.98   +01.81
      +002.4   +001.7   +000.7   0193
----------------------------------------------------------------------
 9    +04.00   -06.42   +09.99   +20.81   +08.49   +00.61   +01.64   +06.90   +01.73
      +002.0   +001.8   +000.6   0346
----------------------------------------------------------------------
10    +04.00   -05.92   +09.98   +21.94   +12.19   +00.89   +02.10   +08.12   +02.11
      +002.0   +001.4   +000.6   0342
----------------------------------------------------------------------
11    +04.00   -05.42   +09.98   +23.03   +14.80   +02.50   +02.80   +11.47   +02.64
      +001.8   +001.4   +000.6   0663
----------------------------------------------------------------------
12    +04.00   -04.92   +09.98   +23.20   +15.39   +05.82   +03.22   +16.67   +03.97
      +001.6   +001.8   +000.5   1333
----------------------------------------------------------------------
13    +04.00   -04.42   +09.98   +22.22   +17.46   +09.90   +04.05   +21.45   +04.96
      +001.6   +001.9   +000.5   1995
----------------------------------------------------------------------
14    +04.00   -03.92   +09.97   +20.25   +18.74   +15.21   +03.77   +26.72   +06.55
      +003.8   +004.6   +001.2   0511
----------------------------------------------------------------------
15    +04.00   -03.42   +09.97   +17.15   +22.08   +21.30   +04.22   +29.98   +06.97
      +003.4   +004.1   +001.0   0529
----------------------------------------------------------------------
16    +04.00   -02.92   +09.97   +12.36   +24.66   +24.95   +04.21   +30.05   +07.55
      +002.6   +003.7   +000.9   0544
----------------------------------------------------------------------
17    +04.00   -02.42   +09.97   +07.60   +19.69   +26.15   +04.19   +25.58   +06.43
      +003.0   +004.5   +000.9   0362
----------------------------------------------------------------------
18    +04.00   -01.92   +09.96   +00.21   +16.52   +24.18   +03.96   +19.13   +04.66
      +001.5   +004.2   +001.0   0352
----------------------------------------------------------------------
19    +04.00   -01.42   +09.96   -07.79   +12.14   +21.37   +02.57   +18.02   +03.99
      +005.6   +005.7   +001.0   0190
----------------------------------------------------------------------
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97

```
20    +04.00   -00.92   +09.96   -09.23   +07.10   +19.75   +02.92   +14.62   +03.31
      +008.2   +005.7   +001.1   0190
-----------------------------------------------------------------------------------
21    +04.00   +00.08   +09.95   -08.91   +02.15   +17.68   +02.35   +12.05   +02.75
      +010.4   +005.6   +001.0   0191
-----------------------------------------------------------------------------------
```

No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	+04.00 +002.2	+10.00 +002.3	+09.99 +000.4	+16.33 0191	-04.22	-00.49	+00.68	+04.78	+00.75
2	+04.00 +001.8	+09.00 +002.1	+09.99 +000.4	+16.96 0193	-04.81	-00.52	+00.78	+04.15	+00.88
3	+04.00 +002.0	+08.00 +001.8	+10.00 +000.5	+17.98 0193	-06.63	-00.42	+01.05	+05.14	+01.18
4	+04.00 +002.4	+07.00 +001.6	+10.00 +000.7	+19.61 0191	-08.31	-00.03	+01.30	+06.89	+01.64
5	+04.00 +002.3	+06.00 +001.2	+10.01 +000.6	+20.78 0514	-08.34	+00.50	+01.63	+09.66	+02.33
6	+04.00 +002.3	+05.00 +002.3	+10.01 +000.5	+22.27 1655	-08.23	+04.65	+02.62	+18.38	+03.72
7	+04.00 +012.0	+02.00 +005.7	+10.02 +001.2	+10.17 0347	-04.62	+23.37	+04.86	+20.97	+05.02
8	+04.00 +040.4	+01.00 +007.3	+10.02 +002.0	+01.49 0190	-01.79	+18.66	+04.72	+17.10	+03.80
9	+04.00 +013.5	+00.00 +006.6	+10.02 +001.0	-06.75 0191	+02.48	+15.93	+01.94	+12.79	+02.59
10	+04.00 +010.0	-01.00 +006.7	+10.02 +001.2	-08.34 0191	+05.88	+17.86	+02.68	+15.30	+03.48
11	+04.00 +005.1	-05.00 +005.6	+10.03 +001.6	+18.58 0190	+12.38	+05.02	+03.53	+16.41	+03.88
12	+04.00 +003.2	-06.00 +002.7	+10.04 +000.9	+19.88 0191	+10.13	+01.61	+02.07	+09.94	+02.11
13	+04.00 +002.1	-07.00 +001.6	+10.04 +000.5	+18.40 0192	+07.51	+00.51	+01.56	+05.49	+01.24
14	+04.00 +001.8	-08.00 +001.3	+10.04 +000.5	+17.46 0193	+06.21	-00.04	+01.22	+04.28	+01.03
15	+04.00 +001.4	-09.00 +000.9	+10.05 +000.3	+16.59 0191	+05.19	-00.16	+00.91	+03.08	+00.66
16	+04.00 +001.4	-10.00 +001.0	+10.05 +000.3	+15.86 0193	+03.80	-00.31	+00.88	+02.91	+00.62
17	+04.00 +001.4	-11.00 +001.3	+10.05 +000.3	+15.14 0192	+02.71	-00.26	+00.76	+02.65	+00.61

No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	-07.99 +002.5	+00.00 +025.5	+20.00 +000.6	+10.47 0188	-00.48	-00.88	+00.79	+03.25	+00.75
2	-05.99 +003.4	+00.00 +027.5	+20.00 +000.8	+09.78 0191	-00.42	-01.13	+00.86	+04.05	+00.97
3	-03.99 +006.0	+00.00 +013.6	+20.00 +001.6	+08.68 0189	+01.58	-01.63	+01.36	+06.60	+01.71
4	-03.49 +007.3	+00.00 +020.0	+20.00 +001.8	+08.01 0192	+01.25	-01.71	+01.89	+07.42	+01.78
5	-02.99 +010.6	+00.00 +035.2	+20.00 +002.6	+08.09 0190	+01.02	-01.15	+02.24	+10.65	+02.63
6	-02.74 +011.4	+00.00 +038.6	+20.00 +002.8	+08.36 0188	+01.00	-00.91	+02.54	+11.84	+02.93
7	-02.49 +010.5	+00.00 +129.3	+20.00 +002.6	+08.01 0342	+00.15	-00.57	+02.24	+11.44	+02.90
8	-02.24 +011.9	+00.00 +021.6	+20.00 +002.9	+07.77 0346	+00.70	-00.08	+03.00	+13.15	+03.21
9	-01.99 +013.2	+00.00 +156.5	+20.00 +003.2	+08.10 0343	+00.17	+00.68	+02.77	+14.94	+03.63
10	-01.74 +012.3	+00.00 +068.1	+20.00 +002.9	+08.00 0521	+00.01	+01.40	+03.08	+18.02	+04.06
11	-01.49 +012.0	+00.00 +027.0	+20.00 +002.7	+08.13 0689	-01.24	+02.87	+03.36	+21.39	+05.17
12	-01.24 +013.4	+00.00 +021.2	+20.00 +002.5	+07.99 0696	-01.29	+04.52	+03.55	+23.34	+05.29
13	-00.99 +012.6	+00.00 +014.6	+20.00 +002.0	+08.09 1081	-01.47	+06.69	+03.89	+28.84	+06.70
14	+08.76 +009.7	+00.00 +004.8	+20.00 +000.8	-09.31 0378	+00.40	+18.76	+02.92	+15.55	+03.39
15	+08.51 +009.3	+00.00 +004.9	+20.00 +000.8	-09.51 0382	+01.33	+18.55	+02.98	+15.59	+03.19
16	+08.26 +009.7	+00.00 +005.2	+20.00 +000.8	-09.65 0381	+01.23	+18.66	+02.90	+16.53	+03.54
17	+08.01 +009.2	+00.00 +005.3	+20.00 +000.8	-10.14 0379	+02.57	+18.73	+02.78	+17.17	+03.47
18	+07.76 +008.7	+00.00 +004.9	+20.00 +000.8	-10.50 0381	+01.31	+18.99	+02.92	+16.06	+03.54
19	+07.51 +009.5	+00.00 +005.2	+20.00 +000.9	-10.25 0381	+00.88	+18.86	+03.29	+16.99	+04.16

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20    +07.26   +00.00   +20.00   -10.68   +01.96   +18.40   +03.19   +17.59   +03.68
      +009.2   +005.6   +000.9   0378
-------------------------------------------------------------------------------------
21    +07.01   +00.00   +20.00   -10.15   +02.13   +18.44   +03.99   +18.12   +03.91
      +009.9   +005.7   +001.1   0384
-------------------------------------------------------------------------------------
22    +06.76   +00.00   +20.00   -10.55   +02.10   +18.32   +03.14   +17.88   +03.94
      +009.5   +005.7   +000.9   0378
-------------------------------------------------------------------------------------
23    +06.51   +00.00   +20.00   -10.19   +01.62   +18.28   +03.30   +19.23   +04.17
      +010.6   +006.2   +001.0   0379
-------------------------------------------------------------------------------------
24    +06.26   +00.00   +20.00   -10.44   +01.17   +18.03   +03.26   +19.20   +04.17
      +010.5   +006.2   +001.0   0380
-------------------------------------------------------------------------------------
25    +06.01   +00.00   +20.00   -10.32   +00.29   +17.92   +03.46   +19.87   +04.41
      +011.1   +006.4   +001.0   0379
-------------------------------------------------------------------------------------
26    +05.76   +00.00   +20.00   -10.07   +00.82   +18.26   +03.62   +21.43   +04.62
      +012.2   +006.8   +001.1   0379
-------------------------------------------------------------------------------------
27    +05.51   +00.00   +20.00   -09.75   +00.03   +18.30   +03.96   +21.86   +04.65
      +013.0   +006.9   +001.1   0380
-------------------------------------------------------------------------------------
28    +05.26   +00.00   +20.00   -09.69   -00.60   +18.30   +04.00   +24.84   +04.82
      +014.5   +007.8   +001.2   0386
-------------------------------------------------------------------------------------
29    +05.01   +00.00   +20.00   -09.43   +04.02   +18.10   +03.83   +23.56   +04.95
      +012.2   +007.4   +001.2   0378
-------------------------------------------------------------------------------------
30    +04.76   +00.00   +20.00   -09.66   +03.43   +18.45   +04.09   +24.45   +05.10
      +012.9   +007.6   +001.2   0380
-------------------------------------------------------------------------------------
31    +04.51   +00.00   +20.00   -09.45   +01.47   +19.63   +04.54   +28.67   +06.31
      +017.0   +008.5   +001.3   0383
-------------------------------------------------------------------------------------
32    +04.26   +00.00   +20.00   -09.86   +03.91   +20.84   +04.63   +29.61   +06.82
      +014.9   +008.2   +001.3   0381
-------------------------------------------------------------------------------------
33    +09.51   +00.00   +20.00   -07.38   +02.17   +17.44   +02.47   +13.11   +02.83
      +009.5   +004.4   +000.8   0380
-------------------------------------------------------------------------------------
34    +10.51   +00.00   +20.00   -05.52   +01.63   +15.96   +02.70   +11.84   +02.72
      +016.1   +006.1   +001.3   0190
-------------------------------------------------------------------------------------
35    +11.51   +00.00   +20.00   -03.58   +00.23   +15.09   +02.17   +11.22   +02.50
      +025.7   +006.1   +001.2   0186
-------------------------------------------------------------------------------------
36    +12.51   +00.00   +20.00   -01.51   +00.08   +14.04   +02.35   +10.52   +02.31
      +056.8   +006.1   +001.4   0189
-------------------------------------------------------------------------------------
37    +13.51   +00.00   +20.00   +00.16   +01.26   +12.54   +02.07   +11.10   +02.30
      +016.1   +007.3   +001.4   0188
-------------------------------------------------------------------------------------
38    +14.51   +00.00   +20.00   +02.08   +00.61   +11.54   +01.77   +10.15   +02.21
      +036.8   +007.2   +001.3   0187
-------------------------------------------------------------------------------------
39    +15.51   +00.00   +20.00   +02.62   -00.16   +11.07   +01.75   +09.87   +01.82
      +030.7   +007.4   +001.3   0187
-------------------------------------------------------------------------------------
40    +16.51   +00.00   +20.00   +03.27   +01.22   +10.09   +02.01   +10.49   +02.33
      +023.0   +008.6   +001.6   0189
-------------------------------------------------------------------------------------
41    +17.51   +00.00   +20.00   +04.22   +00.57   +09.42   +01.28   +05.93   +01.07
      +010.8   +005.0   +001.0   0327
```

```
------------------------------------------------------------------------
42   +18.51   +00.00   +20.00   +05.26   +00.22   +08.77   +01.51   +08.77   +01.90
     +011.0   +006.7   +001.1   0282
------------------------------------------------------------------------
43   +19.51   +00.00   +20.00   +05.66   +00.40   +08.01   +01.19   +07.40   +01.41
     +007.3   +005.3   +000.8   0501
------------------------------------------------------------------------
44   +20.51   +00.00   +20.00   +06.21   -00.74   +07.57   +01.54   +08.32   +01.70
     +008.8   +007.2   +001.1   0282
------------------------------------------------------------------------
45   +21.51   +00.00   +20.00   +06.65   -00.38   +07.09   +01.17   +06.69   +01.22
     +006.0   +005.7   +000.8   0500
------------------------------------------------------------------------
46   +22.51   +00.00   +20.00   +06.87   +00.27   +06.56   +01.67   +07.60   +01.51
     +007.3   +007.8   +001.1   0282
------------------------------------------------------------------------
47   +23.51   +00.00   +20.00   +07.32   -00.10   +06.54   +01.49   +08.55   +01.75
     +007.8   +008.7   +001.1   0281
------------------------------------------------------------------------
```

```
-----------------------------------------------------------------------------
FILE:DAT60

No.  Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
     DELxy   DELyz   DELzx   Navg
-----------------------------------------------------------------------------
 1   -04.99  +00.00  +39.99  +09.33  +00.11  +00.10  +00.40  +03.00  +00.64
     +004.6  +213.6  +001.0  0087
-----------------------------------------------------------------------------
 2   -02.99  +00.00  +39.99  +09.13  -00.61  +00.43  +00.56  +03.33  +00.68
     +005.9  +033.6  +001.2  0048
-----------------------------------------------------------------------------
 3   -00.99  +00.00  +39.99  +08.54  +00.26  +00.62  +00.84  +03.79  +00.89
     +005.0  +064.3  +001.2  0097
-----------------------------------------------------------------------------
 4   +01.01  +00.00  +39.99  +08.36  -00.03  +01.13  +00.76  +04.97  +01.02
     +006.8  +050.8  +001.4  0094
-----------------------------------------------------------------------------
 5   +03.01  +00.00  +39.99  +07.96  +00.82  +01.54  +01.00  +05.62  +01.31
     +005.8  +025.8  +001.4  0254
-----------------------------------------------------------------------------
 6   +04.01  +00.00  +39.99  +08.18  +01.09  +01.82  +01.33  +08.74  +02.04
     +007.0  +026.0  +001.6  0286
-----------------------------------------------------------------------------
 7   +05.01  +00.00  +39.99  +08.25  +00.30  +02.50  +01.35  +08.72  +02.02
     +006.9  +022.9  +001.4  0504
-----------------------------------------------------------------------------
 8   +06.01  +00.00  +39.99  +08.38  +00.73  +03.04  +01.41  +09.91  +02.28
     +006.4  +017.6  +001.3  0736
-----------------------------------------------------------------------------
 9   +07.01  +00.00  +39.99  +08.64  -01.81  +03.82  +02.31  +17.20  +04.10
     +012.8  +022.5  +002.7  0280
-----------------------------------------------------------------------------
10   +08.01  +00.00  +39.99  +08.94  +00.96  +05.15  +02.80  +23.96  +05.90
     +017.7  +030.9  +003.4  0285
-----------------------------------------------------------------------------
11   +09.01  +00.00  +39.99  +09.63  -02.30  +06.46  +03.41  +26.04  +06.17
     +017.1  +022.3  +003.0  0288
-----------------------------------------------------------------------------
12   +16.01  +00.00  +39.99  +14.21  +00.34  +15.86  +04.88  +27.35  +06.32
     +011.1  +010.0  +001.5  0383
-----------------------------------------------------------------------------
13   +19.01  +00.00  +39.99  +09.47  +02.09  +12.10  +04.24  +22.43  +05.06
     +015.0  +012.4  +002.0  0285
-----------------------------------------------------------------------------
14   +20.01  +00.00  +39.99  +08.76  -00.59  +11.58  +04.41  +21.22  +04.88
     +016.0  +012.0  +002.1  0287
-----------------------------------------------------------------------------
15   +21.01  +00.00  +39.99  +07.01  +01.58  +10.65  +03.76  +20.43  +04.81
     +022.5  +015.6  +002.6  0191
-----------------------------------------------------------------------------
16   +22.01  +00.00  +39.99  +06.08  +01.45  +10.79  +03.41  +20.37  +04.76
     +025.7  +015.4  +002.5  0191
-----------------------------------------------------------------------------
17   +23.01  +00.00  +39.99  +05.63  +00.23  +10.71  +03.22  +20.20  +04.54
     +028.8  +015.4  +002.4  0192
-----------------------------------------------------------------------------
18   +24.01  +00.00  +39.99  +05.65  -03.73  +11.31  +03.36  +18.02  +04.38
     +018.2  +011.0  +002.3  0190
-----------------------------------------------------------------------------
19   +25.01  +00.00  +39.99  +04.60  -01.28  +11.42  +03.01  +18.21  +03.89
     +029.9  +012.6  +002.1  0190
-----------------------------------------------------------------------------
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```
20   +26.01  +00.00  +39.99  +04.35  -00.27  +11.77  +02.50  +19.08  +04.82
     +050.1  +018.4  +002.6  0096
----------------------------------------------------------------------------
21   +27.01  +00.00  +39.99  +04.67  +01.38  +12.13  +03.01  +17.37  +03.96
     +039.3  +016.6  +002.8  0095
----------------------------------------------------------------------------
22   +28.01  +00.00  +39.99  +04.58  -01.84  +11.29  +02.47  +17.56  +03.66
     +038.1  +016.9  +002.5  0095
----------------------------------------------------------------------------
23   +29.01  +00.00  +39.99  +04.32  +01.88  +12.85  +02.35  +13.80  +03.55
     +031.2  +012.6  +002.1  0094
----------------------------------------------------------------------------
24   +30.01  +00.00  +39.99  +04.51  +01.98  +12.56  +02.61  +13.96  +03.42
     +030.2  +012.8  +002.3  0095
----------------------------------------------------------------------------
25   +31.01  +00.00  +39.99  +04.67  -00.27  +12.94  +02.61  +14.42  +03.49
     +035.1  +012.9  +002.3  0096
----------------------------------------------------------------------------
26   +32.01  +00.00  +39.99  +04.83  -00.26  +13.31  +02.56  +14.23  +03.44
     +033.9  +012.3  +002.2  0095
----------------------------------------------------------------------------
27   +33.01  +00.00  +39.99  +04.79  +00.76  +13.70  +02.69  +15.14  +03.59
     +035.0  +012.9  +002.2  0096
----------------------------------------------------------------------------
28   +34.01  +00.00  +39.99  +04.97  -02.46  +13.33  +02.22  +14.29  +03.55
     +026.9  +011.5  +001.9  0094
----------------------------------------------------------------------------
29   +35.01  +00.00  +39.99  +04.44  -01.83  +13.63  +02.45  +12.28  +02.52
     +027.3  +010.0  +002.0  0094
----------------------------------------------------------------------------
30   +36.01  +00.00  +39.99  +05.21  +02.07  +12.53  +02.10  +12.22  +02.88
     +023.5  +011.2  +001.9  0094
----------------------------------------------------------------------------
31   +37.01  +00.00  +39.99  +05.49  -00.77  +13.18  +02.81  +11.23  +02.46
     +023.1  +009.8  +002.2  0095
----------------------------------------------------------------------------
32   +38.01  +00.00  +39.99  +05.83  +00.51  +13.19  +02.17  +09.94  +02.43
     +019.6  +008.7  +001.8  0095
----------------------------------------------------------------------------
33   +39.01  +00.00  +39.99  +05.53  +00.54  +13.08  +01.97  +08.99  +02.05
     +009.5  +004.0  +000.8  0436
----------------------------------------------------------------------------
34   +41.01  +00.00  +39.99  +05.88  -00.26  +12.69  +01.97  +09.66  +02.23
     +013.4  +006.2  +001.2  0189
----------------------------------------------------------------------------
35   +43.01  +00.00  +39.99  +06.27  -00.78  +12.64  +01.95  +09.65  +02.11
     +012.4  +006.2  +001.1  0189
----------------------------------------------------------------------------
```

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No.	Xcm	Ycm	Zcm	Um/s	Vm/s	Wm/s	Su	Sv	Sw
	DELxy	DELyz	DELzx	Navg					
1	-03.99	-10.02	+05.00	+13.36	+00.27	-00.45	+00.46	+02.16	+00.55
	+001.9	+035.5	+000.5	0094					
2	-03.99	-09.02	+05.00	+13.56	-00.27	-00.52	+00.43	+02.18	+00.44
	+001.4	+032.5	+000.3	0179					
3	-03.99	-08.02	+05.00	+13.73	-00.79	-00.61	+00.59	+02.28	+00.52
	+001.9	+020.0	+000.4	0096					
4	-03.99	-07.02	+05.00	+13.79	-00.69	-00.83	+00.59	+02.25	+00.60
	+001.9	+021.7	+000.5	0096					
5	-03.99	-06.02	+04.99	+13.65	-00.86	-00.92	+00.46	+02.23	+00.50
	+001.4	+013.6	+000.3	0178					
6	-03.99	-05.02	+04.99	+13.52	-01.44	-01.16	+00.50	+02.26	+00.54
	+001.7	+009.6	+000.4	0178					
7	-03.99	-04.02	+04.98	+12.86	-01.88	-01.38	+00.48	+02.40	+00.62
	+001.7	+007.1	+000.4	0178					
8	-03.99	-03.02	+04.98	+11.85	-02.50	-01.63	+00.55	+02.85	+00.74
	+002.1	+006.2	+000.6	0179					
9	-03.99	-02.02	+04.97	+10.43	-02.86	-01.60	+00.65	+02.76	+00.72
	+002.5	+005.8	+000.7	0167					
10	-03.99	-01.02	+04.96	+09.33	-02.75	-01.48	+00.92	+03.59	+00.80
	+002.8	+006.0	+000.7	0262					
11	-03.99	-00.02	+04.96	+08.75	-00.20	-01.55	+00.91	+04.46	+01.03
	+002.6	+014.9	+000.6	0534					
12	-03.99	+00.98	+04.95	+09.45	+01.29	-01.54	+00.84	+03.65	+00.92
	+002.1	+006.5	+000.5	0524					
13	-03.99	+01.98	+04.95	+10.73	+02.35	-01.53	+00.80	+03.92	+00.99
	+002.3	+003.6	+000.6	0288					
14	-03.99	+02.98	+04.94	+12.24	+02.56	-01.54	+00.59	+03.17	+00.73
	+002.2	+003.6	+000.5	0180					
15	-03.99	+03.98	+04.94	+13.06	+02.09	-01.33	+00.45	+02.42	+00.53
	+001.7	+004.0	+000.4	0172					
16	-03.99	+04.98	+04.93	+13.66	+01.12	-01.09	+00.43	+02.25	+00.49
	+001.5	+007.7	+000.3	0175					
17	-03.99	+05.98	+04.93	+13.85	+01.03	-00.97	+00.49	+02.05	+00.43
	+001.4	+007.8	+000.3	0173					
18	-03.99	+06.98	+04.92	+13.75	-00.03	-00.72	+00.47	+02.30	+00.54
	+001.6	+029.5	+000.4	0175					
19	-03.99	+07.98	+04.92	+13.64	+00.16	-00.71	+00.53	+02.47	+00.49
	+002.1	+036.9	+000.4	0097					

```
20    -03.99   +08.98   +04.91   +13.14   -00.54   -00.54   +00.53   +02.38   +00.51
      +002.1   +030.1   +000.5   0096
```

FILE:DAT62

| No. | Xcm | Ycm | Zcm | Um/s | Vm/s | Wm/s | Su | Sv | Sw |
	DELxy	DELyz	DELzx	Navg					
1	-07.50	+00.00	+00.06	+07.03	+00.07	-00.10	+01.60	+02.89	+00.55
	+003.3	+150.1	+000.6	0188					
2	-07.50	+00.00	+00.16	+08.19	-00.13	-00.12	+01.30	+03.38	+00.79
	+003.4	+125.7	+000.8	0191					
3	-07.50	+00.00	+00.26	+08.48	-00.09	-00.20	+01.33	+04.58	+00.86
	+004.4	+168.9	+000.8	0191					
4	-07.50	+00.00	+00.36	+09.10	-00.02	-00.18	+01.21	+04.26	+00.82
	+003.7	+189.7	+000.7	0192					
5	-07.50	+00.00	+00.46	+08.92	+00.67	-00.27	+01.31	+04.30	+00.90
	+003.9	+012.5	+000.8	0191					
6	-07.50	+00.00	+00.56	+09.61	+00.34	-00.16	+01.34	+04.88	+00.98
	+004.1	+031.8	+000.8	0195					
7	-07.50	+00.00	+00.66	+09.31	-00.02	-00.29	+01.37	+05.20	+01.14
	+004.5	+143.8	+001.0	0193					
8	-07.50	+00.00	+00.76	+09.75	+00.52	-00.26	+01.27	+04.37	+00.91
	+003.6	+020.2	+000.8	0190					
9	-07.50	+00.00	+00.86	+09.99	-00.84	-00.07	+01.16	+04.47	+01.03
	+003.6	+012.7	+000.8	0191					
10	-07.50	+00.00	+00.96	+09.70	+00.04	-00.35	+01.30	+05.32	+01.09
	+004.4	+118.6	+000.9	0193					
11	-07.50	+00.00	+01.06	+09.82	+00.11	-00.38	+01.35	+04.71	+01.01
	+003.9	+088.5	+000.8	0192					
12	-07.50	+00.00	+01.16	+10.43	+00.24	-00.37	+01.12	+05.64	+01.14
	+004.4	+078.5	+000.9	0192					
13	-07.50	+00.00	+01.26	+10.23	-00.41	-00.33	+01.26	+05.26	+01.25
	+004.1	+062.8	+001.0	0194					
14	-07.50	+00.00	+01.36	+10.20	+00.89	-00.59	+01.31	+04.83	+01.09
	+003.8	+015.6	+000.9	0193					
15	-07.50	+00.00	+01.46	+09.95	-00.58	-00.50	+01.33	+05.66	+01.26
	+004.5	+047.3	+001.0	0194					
16	-07.50	+00.00	+01.56	+10.34	+00.61	-00.71	+01.20	+04.84	+00.99
	+003.8	+028.4	+000.8	0190					
17	-07.50	+00.00	+01.66	+10.49	-00.40	-00.53	+01.18	+04.93	+01.12
	+003.8	+054.4	+000.9	0192					
18	-07.50	+00.00	+02.06	+10.36	+01.43	-00.90	+01.35	+04.44	+00.99
	+003.4	+008.8	+000.8	0190					
19	-07.50	+00.00	+02.46	+11.12	+00.11	-00.70	+01.08	+04.97	+01.15
	+003.6	+054.7	+000.8	0190					

```
20    -07.50  +00.00  +02.86  +10.74  +01.40  -00.97  +01.43  +04.59  +01.00
      +003.5  +009.9  +000.8  0189
------------------------------------------------------------------------------
21    -07.50  +00.00  +03.26  +11.89  -00.72  -00.77  +00.86  +04.11  +00.89
      +002.8  +027.3  +000.6  0191
------------------------------------------------------------------------------
22    -07.50  +00.00  +03.66  +11.88  +00.15  -00.97  +00.79  +04.36  +00.88
      +003.0  +034.9  +000.6  0190
------------------------------------------------------------------------------
23    -07.50  +00.00  +04.06  +11.95  -00.10  -00.92  +00.62  +03.23  +00.62
      +002.2  +028.7  +000.4  0189
------------------------------------------------------------------------------
```

```
--------------------------------------------------------------------------
FILE:DAT63

No.   Xcm    Ycm    Zcm    Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy  DELyz  DELzx  Navg
--------------------------------------------------------------------------
1    +00.01 +07.50 +00.05 +04.58  -01.80  +00.03  +02.61  +03.26  +00.47
     +005.1 +002.0 +000.8 0193
--------------------------------------------------------------------------
2    +00.01 +07.50 +00.10 +10.71  -02.43  +00.06  +01.61  +02.35  +00.51
     +001.7 +001.6 +000.4 0189
--------------------------------------------------------------------------
3    +00.01 +07.50 +00.15 +12.25  -02.44  +00.04  +01.51  +02.56  +00.53
     +001.6 +001.7 +000.4 0190
--------------------------------------------------------------------------
4    +00.01 +07.50 +00.20 +12.75  -02.13  +00.01  +01.12  +02.52  +00.55
     +001.6 +002.1 +000.3 0190
--------------------------------------------------------------------------
5    +00.01 +07.50 +00.25 +12.87  -01.83  +00.04  +01.15  +03.14  +00.67
     +001.9 +002.8 +000.4 0192
--------------------------------------------------------------------------
6    +00.01 +07.50 +00.30 +13.22  -02.32  +00.09  +00.93  +02.93  +00.66
     +001.8 +002.0 +000.4 0190
--------------------------------------------------------------------------
7    +00.01 +07.50 +00.35 +13.26  -01.96  -00.02  +01.08  +02.89  +00.66
     +001.8 +002.8 +000.4 0190
--------------------------------------------------------------------------
8    +00.01 +07.50 +00.65 +14.20  -02.43  +00.26  +00.96  +03.07  +00.76
     +001.7 +001.7 +000.4 0190
--------------------------------------------------------------------------
9    +00.01 +07.50 +00.95 +15.39  -02.27  +00.13  +00.88  +02.44  +00.54
     +001.3 +001.6 +000.3 0191
--------------------------------------------------------------------------
10   +00.01 +07.50 +01.25 +15.54  -02.00  -00.00  +00.89  +01.76  +00.37
     +000.9 +001.5 +000.2 0190
--------------------------------------------------------------------------
11   +00.01 +07.50 +01.55 +15.65  -01.59  +00.02  +00.70  +01.69  +00.33
     +000.9 +001.6 +000.2 0192
--------------------------------------------------------------------------
12   +00.01 +07.50 +01.85 +15.85  -01.72  +00.04  +00.68  +01.57  +00.33
     +000.8 +001.4 +000.2 0191
--------------------------------------------------------------------------
13   +00.01 +07.50 +02.15 +15.80  -01.39  -00.11  +00.72  +01.49  +00.33
     +000.8 +002.5 +000.2 0192
--------------------------------------------------------------------------
14   +00.01 +07.50 +02.45 +16.21  -01.89  -00.07  +00.73  +01.50  +00.30
     +000.7 +001.5 +000.2 0192
--------------------------------------------------------------------------
15   +00.01 +07.50 +02.75 +16.08  -01.77  -00.07  +00.68  +01.41  +00.29
     +000.7 +001.5 +000.1 0188
--------------------------------------------------------------------------
16   +00.01 +07.50 +03.75 +16.21  -01.67  -00.29  +00.66  +01.53  +00.34
     +000.8 +002.7 +000.2 0191
--------------------------------------------------------------------------
17   +00.01 +07.50 +04.75 +16.55  -01.40  -00.54  +00.65  +01.82  +00.40
     +000.9 +005.3 +000.2 0191
--------------------------------------------------------------------------
18   +00.01 +07.50 +05.75 +16.73  -01.69  -00.87  +00.71  +02.06  +00.46
     +001.0 +005.5 +000.2 0191
--------------------------------------------------------------------------
19   +00.01 +07.50 +06.75 +17.11  -01.32  -01.21  +00.61  +02.31  +00.52
     +001.1 +008.6 +000.2 0191
--------------------------------------------------------------------------
```

```
20    +00.01  +07.50  +07.75  +17.17  -01.30  -01.51  +00.62  +02.48  +00.57
      +001.2  +008.9  +000.3  0190
------------------------------------------------------------------------
```

```
-------------------------------------------------------------------------------
FILE:DAT64

No.   Xcm    Ycm    Zcm    Um/s   Vm/s   Wm/s   Su     Sv     Sw
      DELxy  DELyz  DELzx  Navg

-------------------------------------------------------------------------------
 1   -07.50 +00.00 +00.06 +04.65 +00.12 +00.01 +01.28 +03.13 +00.61
     +005.4 +058.9 +001.1 0192
-------------------------------------------------------------------------------
 2   -07.50 +00.00 +00.16 +06.62 +00.39 -00.09 +01.44 +03.21 +00.67
     +003.9 +010.0 +000.8 0191
-------------------------------------------------------------------------------
 3   -07.50 +00.00 +00.26 +07.29 -00.08 -00.07 +01.28 +03.80 +00.82
     +004.2 +225.9 +000.9 0192
-------------------------------------------------------------------------------
 4   -07.50 +00.00 +00.36 +08.01 +00.03 +00.01 +01.32 +03.75 +00.85
     +003.8 +526.8 +000.9 0192
-------------------------------------------------------------------------------
 5   -07.50 +00.00 +00.46 +07.96 +00.39 -00.18 +01.42 +04.08 +00.90
     +004.2 +022.9 +000.9 0191
-------------------------------------------------------------------------------
 6   -07.50 +00.00 +00.56 +08.14 -00.18 -00.04 +01.19 +04.24 +00.97
     +004.2 +076.2 +001.0 0191
-------------------------------------------------------------------------------
 7   -07.50 +00.00 +00.66 +08.26 +00.20 -00.11 +01.23 +04.25 +00.97
     +004.2 +055.0 +001.0 0192
-------------------------------------------------------------------------------
 8   -07.50 +00.00 +00.76 +08.34 -00.00 -00.03 +01.36 +05.08 +01.19
     +004.9 +.     +001.1 0195
-------------------------------------------------------------------------------
 9   -07.50 +00.00 +00.86 +09.02 +00.64 -00.27 +01.25 +04.98 +01.17
     +004.5 +014.7 +001.1 0192
-------------------------------------------------------------------------------
10   -07.50 +00.00 +00.96 +08.55 +00.20 -00.06 +01.52 +04.64 +01.01
     +004.4 +033.5 +001.0 0189
-------------------------------------------------------------------------------
11   -07.50 +00.00 +01.16 +08.75 -00.00 -00.17 +01.22 +04.75 +01.01
     +004.4 +232.2 +000.9 0189
-------------------------------------------------------------------------------
12   -07.50 +00.00 +01.36 +08.80 +00.12 -00.02 +01.40 +04.23 +00.96
     +004.0 +042.0 +000.9 0189
-------------------------------------------------------------------------------
13   -07.50 +00.00 +01.56 +09.21 +00.74 -00.17 +01.37 +04.71 +01.00
     +004.1 +007.6 +000.9 0192
-------------------------------------------------------------------------------
14   -07.50 +00.00 +01.76 +09.49 +00.43 -00.20 +01.44 +05.10 +01.09
     +004.3 +026.1 +000.9 0193
-------------------------------------------------------------------------------
15   -07.50 +00.00 +02.26 +09.46 +00.19 -00.15 +01.41 +05.26 +01.03
     +004.5 +091.0 +000.9 0192
-------------------------------------------------------------------------------
16   -07.50 +00.00 +02.76 +09.84 -00.30 +00.00 +01.35 +04.72 +01.10
     +003.9 +029.1 +000.9 0191
-------------------------------------------------------------------------------
17   -07.50 +00.00 +03.26 +09.96 +00.21 -00.12 +01.42 +04.24 +00.91
     +003.5 +055.3 +000.7 0190
-------------------------------------------------------------------------------
18   -07.50 +00.00 +03.76 +10.75 +00.08 -00.08 +01.06 +03.74 +00.89
     +002.8 +167.3 +000.7 0189
-------------------------------------------------------------------------------
19   -07.50 +00.00 +04.26 +10.97 +00.35 -00.03 +00.79 +03.95 +00.78
     +002.9 +014.0 +000.6 0188
-------------------------------------------------------------------------------
```

```
20   -07.50  +00.00  +04.76  +11.30  -00.06  +00.11  +00.84  +02.86  +00.53
     +002.0  +160.5  +000.4  0189
```

```
----------------------------------------------------------------------
FILE:DAT65

No.   Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy   DELyz   DELzx   Navg
----------------------------------------------------------------------
 1    +07.50  +00.00  +00.04  +01.32  +00.77  -00.10  +00.96  +02.95  +00.52
      +013.6  +003.8  +003.2  0194
----------------------------------------------------------------------
 2    +07.50  +00.00  +00.05  +01.59  +00.02  -00.04  +01.09  +02.90  +00.50
      +014.6  +390.7  +002.6  0194
----------------------------------------------------------------------
 3    +07.50  +00.00  +00.06  +02.82  +00.42  -00.12  +01.48  +03.18  +00.55
      +008.9  +011.8  +001.6  0195
----------------------------------------------------------------------
 4    +07.50  +00.00  +00.07  +03.22  +00.46  -00.09  +01.47  +03.53  +00.60
      +008.6  +008.5  +001.5  0192
----------------------------------------------------------------------
 5    +07.50  +00.00  +00.08  +04.50  -00.09  -00.01  +01.22  +03.46  +00.71
      +006.2  +082.3  +001.3  0192
----------------------------------------------------------------------
 6    +07.50  +00.00  +00.09  +05.04  +00.45  -00.09  +01.45  +03.28  +00.74
      +005.2  +008.0  +001.2  0194
----------------------------------------------------------------------
 7    +07.50  +00.00  +00.10  +05.05  +00.01  +00.03  +01.45  +03.69  +00.73
      +005.8  +.      +001.2  0195
----------------------------------------------------------------------
 8    +07.50  +00.00  +00.11  +05.51  +00.09  -00.11  +01.44  +03.81  +00.83
      +005.6  +147.6  +001.2  0194
----------------------------------------------------------------------
 9    +07.50  +00.00  +00.14  +05.71  +01.04  -00.22  +01.44  +04.39  +00.76
      +006.1  +005.0  +001.1  0192
----------------------------------------------------------------------
10    +07.50  +00.00  +00.16  +06.05  +00.07  -00.05  +01.20  +03.88  +00.74
      +005.2  +178.4  +001.0  0191
----------------------------------------------------------------------
11    +07.50  +00.00  +00.18  +06.25  -00.33  -00.05  +01.36  +04.23  +00.84
      +005.5  +031.7  +001.1  0192
----------------------------------------------------------------------
12    +07.50  +00.00  +00.23  +06.71  +00.40  -00.14  +01.27  +04.81  +00.91
      +005.8  +022.3  +001.1  0190
----------------------------------------------------------------------
13    +07.50  +00.00  +00.28  +06.55  +01.20  -00.21  +01.16  +03.95  +00.78
      +005.5  +003.9  +000.8  0353
----------------------------------------------------------------------
14    +07.50  +00.00  +00.33  +06.58  +01.05  -00.30  +01.47  +04.14  +00.86
      +005.0  +005.6  +001.1  0190
----------------------------------------------------------------------
15    +07.50  +00.00  +00.53  +07.49  +00.61  -00.18  +01.24  +04.76  +00.94
      +005.1  +012.1  +001.0  0191
----------------------------------------------------------------------
16    +07.50  +00.00  +00.63  +07.70  -00.03  -00.16  +01.36  +04.83  +01.04
      +005.0  +249.9  +001.1  0194
----------------------------------------------------------------------
17    +07.50  +00.00  +00.73  +07.78  +00.56  -00.28  +01.45  +05.17  +01.15
      +005.4  +021.3  +001.2  0193
----------------------------------------------------------------------
18    +07.50  +00.00  +00.83  +08.13  -00.12  -00.12  +01.38  +04.95  +01.10
      +004.9  +194.4  +001.1  0192
----------------------------------------------------------------------
19    +07.50  +00.00  +00.93  +08.21  +00.07  -00.12  +01.36  +05.34  +01.11
      +005.2  +236.6  +001.1  0193
----------------------------------------------------------------------
```

```
20   +07.50  +00.00  +01.03  +08.49  +00.54  -00.24  +01.37  +04.88  +01.08
     +004.7  +019.0  +001.0  0193
---------------------------------------------------------------------------
21   +07.50  +00.00  +01.13  +08.62  +00.87  -00.27  +01.40  +04.35  +01.00
     +004.1  +007.3  +000.9  0192
---------------------------------------------------------------------------
22   +07.50  +00.00  +01.23  +08.59  +00.99  -00.29  +01.32  +04.69  +00.97
     +004.4  +007.0  +000.9  0191
---------------------------------------------------------------------------
23   +07.50  +00.00  +01.33  +09.27  +01.15  -00.32  +01.28  +05.30  +01.06
     +004.5  +006.5  +000.9  0193
---------------------------------------------------------------------------
24   +07.50  +00.00  +01.43  +09.14  -00.14  -00.18  +01.20  +05.21  +01.17
     +004.6  +162.9  +001.0  0193
---------------------------------------------------------------------------
25   +07.50  +00.00  +01.53  +09.08  +00.80  -00.14  +01.37  +04.70  +00.85
     +004.2  +006.3  +000.8  0190
---------------------------------------------------------------------------
26   +07.50  +00.00  +01.63  +09.32  +00.29  -00.18  +01.24  +04.85  +01.04
     +004.2  +048.0  +000.9  0193
---------------------------------------------------------------------------
27   +07.50  +00.00  +01.73  +09.25  +00.63  -00.08  +01.14  +04.68  +00.92
     +004.1  +008.1  +000.8  0192
---------------------------------------------------------------------------
28   +07.50  +00.00  +01.93  +09.47  +00.75  -00.18  +01.24  +04.37  +00.92
     +003.7  +007.3  +000.8  0192
---------------------------------------------------------------------------
29   +07.50  +00.00  +02.13  +09.85  -00.10  -00.05  +01.12  +04.76  +00.95
     +003.9  +195.5  +000.8  0192
---------------------------------------------------------------------------
30   +07.50  +00.00  +02.33  +10.08  +00.30  -00.12  +01.04  +04.28  +00.89
     +003.4  +027.0  +000.7  0192
---------------------------------------------------------------------------
31   +07.50  +00.00  +02.53  +09.91  +00.10  -00.09  +01.12  +05.00  +01.00
     +004.1  +177.6  +000.8  0193
---------------------------------------------------------------------------
32   +07.50  +00.00  +02.73  +09.91  +00.48  -00.03  +01.09  +04.78  +01.01
     +003.9  +013.4  +000.8  0192
---------------------------------------------------------------------------
33   +07.50  +00.00  +02.93  +10.11  +00.98  -00.23  +01.11  +04.22  +00.76
     +003.3  +005.5  +000.6  0192
---------------------------------------------------------------------------
34   +07.50  +00.00  +03.13  +10.47  +00.07  -00.04  +00.97  +04.37  +00.88
     +003.4  +166.8  +000.7  0192
---------------------------------------------------------------------------
35   +07.50  +00.00  +03.63  +10.31  +00.76  -00.22  +01.06  +04.96  +00.96
     +003.9  +009.7  +000.8  0193
---------------------------------------------------------------------------
36   +07.50  +00.00  +04.13  +10.97  +00.66  -00.10  +00.84  +05.03  +00.97
     +003.7  +008.2  +000.7  0190
---------------------------------------------------------------------------
37   +07.50  +00.00  +04.63  +11.34  +00.25  -00.08  +00.70  +04.06  +00.84
     +002.9  +024.2  +000.6  0191
---------------------------------------------------------------------------
```

STREAMLINES

File: SLO

DATA FILE KEY

Xcm   x-coordinate of data (streamwise) in cm
Ycm   y-coordinate of data (lateral) in cm
Zcm   z-coordinate of data (vertical along jet) in cm

Um/s   mean streamwise velocity component in m/sec
Vm/s   mean lateral velocity component in m/sec
Wm/s   mean vertical velocity component in m/sec

Su   standard deviation of distribution of U velocities in m/sec
Sv   standard deviation of distribution of V velocities in m/sec
Sw   standard deviation of distribution of W velocities in m/sec

DELxy   error in direction of vector projected in x-y plane in degrees
DELyz   error in direction of vector projected in y-z plane in degrees
DELzx   error in direction of vector projected in z-x plane in degrees

Navg   average number of samples acquired from the blue, green, and violet channels
        of the 3D-LDA

TABLE B-1.- SUMMARY OF STREAMLINES

Run no.	X cm	Y cm	Z cm		Run no.	X cm	Y cm	Z cm	
SL001	-5.0	2.0	0.1		SL040	-5.0	-9.0	10.0	reverse runs
SL002	-5.0	2.0	.2		SL041	14.61	-3.03	13.29	
SL003	-5.0	2.0	.5	misc runs	SL042	-5.0	-7.5	10.0	
SL004	-5.0	5.0	1.0		SL043	-5.0	-5.0	10.0	
SL005	-5.0	2.5	1.0		SL044	-5.0	-5.0	10.0	z = 10 cm
SL006	-5.0	2.3	1.0		SL045	-5.0	-4.0	10.0	
					SL046	-5.0	4.0	10.0	
SL007	-5.0	1.5	0.5		SL047	-5.0	5.0	10.0	
SL008	-5.0	2.1	.5		SL048	-5.0	6.25	10.0	
SL009	-5.0	2.5	.5	a z = 0.5 cm	SL049	-5.0	7.5	10.0	
SL010	5.06	.08	.5						
SL011	-5.0	2.7	.5						
SL012	1.58	3.51	.5						
SL013	-5.0	-7.0	2.0						
SL014	2.8	-6.5	2.0						
SL015	-5.0	-3.0	2.0						
SL016	2.4	-2.7	2.0						
SL017	-5.0	-2.0	2.0						
SL018	2.0	-2.6	2.0	z = 2 cm					
SL019	-5.0	2.0	2.0						
SL020	-5.0	2.5	2.0						
SL021	-5.0	3.0	2.0						
SL022	-5.0	4.0	2.0						
SL023	-5.0	5.0	2.0						
SL024	-5.0	7.0	2.0						
SL025	0	0	5.0	jet center					
SL026	-5.0	-6.0	5.0						
SL027	-5.0	-5.0	5.0						
SL028	-5.0	-4.0	5.0						
SL029	-5.0	-3.0	5.0						
SL030	-5.0	-3.0	5.0						
SL031	-5.0	-2.0	5.0						
SL032	-5.0	-1.5	5.0	z = 5 cm					
SL033	-5.0	-1.0	5.0						
SL034	-5.0	1.0	5.0						
SL035	-5.0	1.5	5.0						
SL036	-5.0	2.0	5.0						
SL037	-5.0	3.0	5.0						
SL038	-5.0	4.0	5.0						
SL039	-5.0	5.0	5.0						

aBracket identifies runs which are continued.

```
------------------------------------------------------------------------
FILE:SL001

No.   Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy   DELyz   DELzx   Navg
------------------------------------------------------------------------
 1   -04.99  +02.00  +00.10  +07.81  +01.88  -00.07  +01.30  +02.75  +00.61
     +005.4  +004.6  +001.3  0048
------------------------------------------------------------------------
 2   -04.70  +02.07  +00.10  +08.55  +02.95  -00.20  +01.34  +02.48  +00.58
     +004.3  +002.5  +001.1  0048
------------------------------------------------------------------------
 3   -04.43  +02.18  +00.09  +08.63  +02.28  -00.06  +01.24  +02.16  +00.57
     +003.9  +003.8  +001.1  0047
------------------------------------------------------------------------
 4   -04.15  +02.28  +00.09  +08.23  +03.03  -00.15  +01.22  +02.47  +00.52
     +004.4  +002.3  +001.0  0048
------------------------------------------------------------------------
 5   -03.87  +02.39  +00.08  +08.63  +03.85  -00.27  +01.18  +03.03  +00.69
     +004.8  +002.2  +001.3  0049
------------------------------------------------------------------------
 6   -03.60  +02.52  +00.08  +09.12  +04.44  -00.26  +01.31  +02.74  +00.57
     +004.1  +001.7  +001.0  0047
------------------------------------------------------------------------
 7   -03.18  +02.77  +00.07  +09.54  +05.26  -00.23  +01.32  +02.53  +00.54
     +003.5  +001.4  +000.9  0047
------------------------------------------------------------------------
 8   -02.80  +03.01  +00.06  +10.60  +04.94  -00.10  +01.54  +02.58  +00.55
     +003.4  +001.7  +000.8  0048
------------------------------------------------------------------------
 9   -02.49  +03.17  +00.05  +11.60  +04.60  +00.15  +01.70  +02.54  +00.53
     +003.2  +002.1  +000.7  0048
------------------------------------------------------------------------
10   -02.20  +03.30  +00.05  +13.28  +04.92  -00.05  +01.44  +03.23  +00 60
     +003.5  +001.9  +000.7  0048
------------------------------------------------------------------------
11   -01.58  +03.55  +00.06  +14.84  +03.07  +00.16  +01.06  +02.90  +00.63
     +003.0  +004.0  +000.7  0047
------------------------------------------------------------------------
12   -01.12  +03.64  +00.07  +16.45  +03.14  +00.08  +01.12  +02.65  +00.55
     +002.6  +003.2  +000.5  0047
------------------------------------------------------------------------
13   -00.71  +03.71  +00.07  +16.67  +00.99  -00.03  +01.17  +03.06  +00.64
     +003.0  +009.5  +000.6  0047
------------------------------------------------------------------------
14   -00.38  +03.72  +00.07  +17.44  -01.34  +00.35  +01.47  +03.49  +00.70
     +003.2  +006.9  +000.6  0049
------------------------------------------------------------------------
15   +00.07  +03.68  +00.07  +18.54  -02.20  +00.38  +01.63  +03.35  +00.56
     +002.9  +003.2  +000.5  0048
------------------------------------------------------------------------
16   +00.49  +03.60  +00.08  +18.00  -03.54  +00.39  +02.10  +03.22  +00.64
     +002.8  +002.0  +000.6  0048
------------------------------------------------------------------------
17   +00.91  +03.51  +00.09  +16.43  -06.19  +00.47  +02.02  +04.58  +00.71
     +004.0  +001.4  +000.7  0048
------------------------------------------------------------------------
18   +01.24  +03.39  +00.09  +14.04  -06.40  +00.41  +02.09  +04.62  +00.90
     +004.5  +001.8  +001.1  0047
------------------------------------------------------------------------
19   +01.65  +03.18  +00.11  +11.54  -09.07  +00.61  +02.49  +05.03  +01.10
     +004.7  +001.6  +001.6  0046
------------------------------------------------------------------------
20   +01.99  +02.89  +00.12  +11.18  -08.60  +00.96  +03.38  +06.76  +01.40
     +006.7  +001.9  +002.0  0047
```

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```
----------------------------------------------------------------------
21    +02.28  +02.61  +00.15  +10.06  -08.81  +00.90  +03.01  +10.26  +02.08
      +009.5  +002.7  +003.4  0047
----------------------------------------------------------------------
22    +02.54  +02.37  +00.18  +05.97  -05.65  +00.79  +03.89  +10.36  +02.16
      +009.7  +002.7  +004.0  0135
----------------------------------------------------------------------
23    +02.80  +02.10  +00.21  +01.63  -03.08  +01.39  +04.70  +09.00  +02.08
      +009.5  +004.1  +008.4  0443
----------------------------------------------------------------------
```

```
--------------------------------------------------------------------------------
FILE:SL002

No.   Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy   DELyz   DELzx   Navg
--------------------------------------------------------------------------------
 1   -05.00  +02.00  +00.20  +08.98  +03.20  -00.41  +01.18  +03.29  +00.73
     +005.3  +002.4  +001.3  0048
--------------------------------------------------------------------------------
 2   -04.71  +02.10  +00.19  +08.90  +02.74  -00.24  +01.32  +03.22  +00.77
     +005.4  +003.3  +001.4  0048
--------------------------------------------------------------------------------
 3   -04.44  +02.20  +00.19  +09.19  +03.15  -00.24  +01.45  +03.14  +00.67
     +004.9  +002.7  +001.2  0048
--------------------------------------------------------------------------------
 4   -04.16  +02.30  +00.19  +09.29  +03.25  -00.17  +01.16  +02.86  +00.62
     +004.5  +002.6  +001.1  0047
--------------------------------------------------------------------------------
 5   -03.88  +02.41  +00.19  +09.53  +03.34  -00.08  +01.09  +03.12  +00.66
     +004.8  +002.9  +001.1  0048
--------------------------------------------------------------------------------
 6   -03.61  +02.53  +00.19  +10.17  +03.25  -00.17  +01.16  +03.67  +00.90
     +005.4  +003.7  +001.4  0048
--------------------------------------------------------------------------------
 7   -03.12  +02.72  +00.17  +11.98  +05.35  -00.34  +01.11  +03.36  +00.76
     +003.8  +001.9  +001.0  0047
--------------------------------------------------------------------------------
 8   -02.84  +02.84  +00.17  +12.10  +05.91  -00.29  +01.21  +03.10  +00.86
     +003.5  +002.0  +001.1  0047
--------------------------------------------------------------------------------
 9   -02.51  +03.03  +00.16  +12.88  +06.04  -00.39  +01.09  +03.39  +00.73
     +003.5  +001.6  +000.9  0048
--------------------------------------------------------------------------------
10   -02.06  +03.27  +00.15  +14.29  +05.53  -00.29  +01.06  +02.58  +00.69
     +002.6  +001.7  +000.8  0047
--------------------------------------------------------------------------------
11   -01.61  +03.46  +00.14  +16.05  +04.67  -00.20  +01.69  +03.13  +00.68
     +003.0  +002.0  +000.7  0047
--------------------------------------------------------------------------------
12   -01.30  +03.57  +00.14  +16.81  +03.76  -00.16  +01.38  +03.30  +00.79
     +003.0  +002.9  +000.8  0048
--------------------------------------------------------------------------------
13   -00.77  +03.70  +00.13  +17.94  +03.21  -00.14  +01.41  +03.64  +00.82
     +003.2  +003.6  +000.7  0047
--------------------------------------------------------------------------------
14   -00.33  +03.77  +00.13  +17.84  +01.67  +00.02  +01.86  +03.84  +00.86
     +003.5  +008.6  +000.8  0049
--------------------------------------------------------------------------------
15   +00.11  +03.78  +00.13  +18.97  -01.71  +00.34  +01.98  +04.07  +00.87
     +003.5  +005.3  +000.7  0048
--------------------------------------------------------------------------------
16   +00.51  +03.74  +00.14  +17.91  -01.70  +00.28  +01.38  +03.86  +00.80
     +003.5  +005.0  +000.7  0047
--------------------------------------------------------------------------------
17   +00.96  +03.70  +00.14  +16.12  -03.96  +00.44  +01.72  +03.26  +00.80
     +003.1  +002.2  +000.8  0047
--------------------------------------------------------------------------------
18   +01.38  +03.58  +00.15  +16.56  -07.02  +01.07  +01.91  +03.93  +00.94
     +003.3  +001.3  +000.9  0047
--------------------------------------------------------------------------------
19   +01.78  +03.39  +00.18  +15.37  -05.53  +00.78  +01.98  +04.48  +00.89
     +004.3  +001.7  +001.0  0047
--------------------------------------------------------------------------------
20   +02.18  +03.24  +00.19  +13.05  -07.18  +00.98  +02.20  +04.35  +00.97
     +004.4  +001.4  +001.2  0046
```

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```
------------------------------------------------------------------------
21   +02.53  +03.02  +00.26  +11.66  -08.30  +01.54  +02.28  +07.10  +01.31
     +006.8  +001.9  +001.9  0046
------------------------------------------------------------------------
22   +02.83  +02.80  +00.26  +10.03  -05.38  +01.12  +02.18  +08.05  +01.65
     +008.4  +002.8  +002.4  0084
------------------------------------------------------------------------
23   +03.22  +02.57  +00.31  +08.04  -03.66  +01.33  +02.39  +08.59  +01.67
     +009.6  +005.6  +002.4  0127
------------------------------------------------------------------------
```

FILE:SL003

No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	-04.99 +005.3	+02.00 +003.2	+00.50 +001.4	+08.20 0094	+02.12	-00.30	+03.05	+03.93	+00.95
2	-04.70 +003.9	+02.07 +003.0	+00.49 +001.1	+09.97 0095	+01.91	-00.35	+01.23	+03.50	+00.97
3	-04.42 +005.4	+02.14 +004.9	+00.48 +001.2	+09.92 0047	+02.00	-00.13	+01.22	+03.43	+00.75
4	-04.13 +005.0	+02.20 +002.1	+00.48 +001.5	+10.13 0048	+03.61	-00.78	+00.98	+03.49	+00.93
5	-03.85 +005.3	+02.30 +004.0	+00.46 +001.3	+10.21 0049	+02.56	-00.18	+01.15	+03.51	+00.83
6	-03.57 +003.9	+02.39 +002.1	+00.45 +001.1	+10.92 0048	+03.88	-00.46	+01.27	+02.92	+00.75
7	-03.15 +003.6	+02.58 +001.5	+00.43 +000.9	+11.23 0048	+04.70	-00.53	+01.53	+02.88	+00.65
8	-02.80 +003.4	+02.74 +001.7	+00.41 +001.1	+12.70 0047	+05.35	-00.57	+00.82	+03.11	+00.83
9	-02.45 +003.5	+02.91 +001.6	+00.40 +000.9	+13.99 0047	+05.33	-00.75	+01.37	+03.39	+00.80
10	-01.99 +003.3	+03.11 +001.7	+00.38 +000.8	+15.32 0047	+05.31	-00.56	+01.22	+03.43	+00.78
11	-01.70 +004.1	+03.23 +002.6	+00.37 +001.0	+16.69 0048	+04.66	-00.40	+01.20	+04.52	+01.01
12	-01.13 +003.4	+03.39 +003.5	+00.36 +000.8	+18.92 0048	+02.61	-00.41	+01.45	+04.00	+00.94
13	-00.64 +003.0	+03.47 +005.1	+00.35 +000.6	+20.49 0047	+02.07	-00.54	+01.15	+03.84	+00.78
14	-00.19 +003.1	+03.50 +007.2	+00.35 +000.7	+21.07 0048	-01.71	+00.09	+01.92	+04.08	+00.91
15	+00.15 +002.9	+03.46 +003.3	+00.35 +000.7	+21.93 0048	-03.08	+00.40	+02.52	+03.90	+00.97
16	+00.59 +003.7	+03.39 +002.4	+00.36 +000.8	+20.81 0049	-05.00	+00.56	+02.22	+05.08	+01.10
17	+01.00 +003.5	+03.26 +001.8	+00.37 +000.8	+20.18 0048	-06.53	+00.66	+01.94	+04.69	+01.05
18	+01.39 +003.9	+03.11 +001.4	+00.38 +001.0	+18.67 0048	-08.36	+01.36	+02.18	+05.36	+01.14
19	+01.72 +004.8	+02.96 +001.7	+00.41 +001.1	+15.84 0048	-08.85	+01.97	+02.21	+06.02	+01.06
20	+02.08 +006.9	+02.76 +004.2	+00.45 +001.6	+14.20 0048	-06.79	+02.59	+01.83	+07.35	+01.45

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```
-------------------------------------------------------------------------------
21    +02.48   +02.56   +00.53   +13.05   -06.76   +03.22   +01.59   +09.55   +01.73
      +009.4   +007.1   +002.1   0047
-------------------------------------------------------------------------------
22    +02.83   +02.38   +00.63   +11.34   -07.25   +03.62   +02.24   +09.95   +01.99
      +010.1   +006.9   +002.8   0047
-------------------------------------------------------------------------------
```

```
--------------------------------------------------------------------------------
FILE:SL004

No.   Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy   DELyz   DELzx   Navg
--------------------------------------------------------------------------------
 1   -05.00  +05.00  +01.01  +12.22  +01.42  -00.31  +01.17  +04.20  +00.95
     +003.8  +004.8  +000.9  0096
--------------------------------------------------------------------------------
 2   -04.50  +05.06  +00.99  +12.78  +01.22  -00.40  +00.89  +04.39  +00.97
     +003.9  +007.8  +000.9  0096
--------------------------------------------------------------------------------
 3   -04.00  +05.10  +00.98  +13.79  +00.07  -00.19  +01.03  +03.85  +00.76
     +003.2  +199.9  +000.6  0095
--------------------------------------------------------------------------------
 4   -03.51  +05.12  +00.98  +14.06  +00.60  -00.21  +00.95  +03.55  +00.79
     +002.9  +014.0  +000.6  0095
--------------------------------------------------------------------------------
 5   -03.01  +05.17  +00.97  +14.60  +00.75  -00.21  +00.90  +04.15  +01.00
     +003.3  +009.6  +000.8  0096
--------------------------------------------------------------------------------
 6   -02.52  +05.20  +00.97  +15.14  +00.11  -00.09  +01.13  +04.87  +01.21
     +003.7  +188.4  +000.9  0096
--------------------------------------------------------------------------------
 7   -01.69  +05.18  +00.97  +16.09  -00.33  -00.21  +00.99  +04.45  +01.04
     +003.2  +091.8  +000.7  0095
--------------------------------------------------------------------------------
 8   -01.09  +05.19  +00.97  +15.80  +00.01  -00.23  +01.13  +04.88  +01.04
     +003.6  +248.6  +000.7  0095
--------------------------------------------------------------------------------
 9   -00.25  +05.19  +00.96  +16.87  -01.70  +00.10  +01.07  +04.40  +00.94
     +003.0  +005.1  +000.6  0095
--------------------------------------------------------------------------------
10   +00.53  +05.12  +00.96  +16.56  -02.33  +00.27  +01.43  +04.50  +01.06
     +003.1  +003.5  +000.7  0096
--------------------------------------------------------------------------------
11   +01.35  +04.98  +00.98  +16.14  -04.41  +00.86  +01.36  +03.89  +00.91
     +002.6  +001.4  +000.6  0096
--------------------------------------------------------------------------------
12   +02.13  +04.75  +01.02  +15.04  -06.49  +01.53  +01.09  +04.12  +00.84
     +002.7  +001.1  +000.6  0095
--------------------------------------------------------------------------------
13   +02.82  +04.42  +01.09  +13.48  -06.15  +01.78  +01.40  +04.80  +00.93
     +003.4  +001.7  +000.8  0095
--------------------------------------------------------------------------------
14   +03.47  +04.09  +01.18  +12.12  -06.83  +02.36  +01.42  +05.67  +01.23
     +004.1  +002.0  +001.1  0095
--------------------------------------------------------------------------------
15   +04.07  +03.69  +01.30  +11.39  -06.51  +02.84  +01.59  +06.07  +01.25
     +004.6  +002.8  +001.2  0096
--------------------------------------------------------------------------------
16   +04.62  +03.34  +01.44  +10.34  -06.76  +03.47  +01.74  +06.63  +01.63
     +005.2  +003.1  +001.7  0096
--------------------------------------------------------------------------------
17   +05.14  +02.98  +01.63  +09.47  -06.08  +03.30  +01.62  +07.27  +01.51
     +006.3  +004.4  +001.7  0095
--------------------------------------------------------------------------------
18   +05.83  +02.44  +01.90  +08.31  -04.82  +02.63  +01.71  +08.00  +01.87
     +008.4  +005.8  +002.4  0095
--------------------------------------------------------------------------------
19   +06.53  +01.92  +02.17  +08.32  -05.32  +02.10  +01.95  +08.70  +02.03
     +008.7  +004.1  +002.8  0094
--------------------------------------------------------------------------------
20   +07.09  +01.48  +02.32  +07.44  -03.14  +01.29  +01.85  +08.53  +02.27
     +008.6  +005.1  +002.5  0179
```

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```
-----------------------------------------------------------------------------
21    +07.63   +01.24   +02.41   +07.52   -02.89   +00.90   +01.95   +07.72   +02.08
      +008.9   +003.6   +002.8   0174
-----------------------------------------------------------------------------
22    +08.14   +01.00   +02.44   +06.66   -00.33   -00.13   +01.47   +07.03   +01.60
      +008.4   +086.3   +001.8   0252
-----------------------------------------------------------------------------
23    +08.81   +00.97   +02.35   +07.11   -01.98   +00.15   +01.57   +07.91   +01.89
      +009.6   +007.0   +002.5   0175
-----------------------------------------------------------------------------
24    +09.43   +00.87   +02.25   +06.90   -03.11   -00.27   +01.85   +07.25   +01.97
      +009.0   +007.8   +002.8   0171
-----------------------------------------------------------------------------
25    +10.00   +00.70   +02.15   +06.21   -01.89   -00.61   +01.83   +08.06   +01.92
      +009.4   +015.6   +002.3   0254
-----------------------------------------------------------------------------
```

```
------------------------------------------------------------------------
  FILE:SL005

  No.  Xcm    Ycm    Zcm    Um/s   Vm/s   Wm/s   Su     Sv     Sw
       DELxy  DELyz  DELzx  Navg
------------------------------------------------------------------------
   1  -05.00 +02.52 +01.00 +11.28 +02.25 -00.56 +01.10 +04.50 +00.83
      +003.1 +002.7 +000.6 0195
------------------------------------------------------------------------
   2  -04.51 +02.61 +00.98 +11.59 +02.24 -00.62 +00.98 +04.16 +00.95
      +002.8 +002.4 +000.7 0193
------------------------------------------------------------------------
   3  -04.02 +02.73 +00.96 +12.27 +02.40 -00.60 +00.95 +03.62 +00.76
      +002.3 +001.9 +000.5 0193
------------------------------------------------------------------------
   4  -03.54 +02.84 +00.94 +13.29 +02.71 -00.69 +00.88 +03.88 +00.90
      +002.3 +001.7 +000.5 0192
------------------------------------------------------------------------
   5  -03.05 +02.96 +00.91 +13.70 +03.26 -00.70 +01.15 +03.73 +00.79
      +002.1 +001.3 +000.5 0194
------------------------------------------------------------------------
   6  -02.57 +03.10 +00.89 +14.71 +03.52 -00.96 +01.20 +04.21 +00.97
      +002.2 +001.5 +000.5 0190
------------------------------------------------------------------------
   7  -01.61 +03.31 +00.83 +18.00 +03.36 -00.84 +01.15 +04.29 +00.90
      +001.8 +001.6 +000.4 0194
------------------------------------------------------------------------
   8  -01.07 +03.43 +00.81 +19.64 +01.79 -00.66 +01.26 +04.87 +01.07
      +002.0 +004.8 +000.4 0191
------------------------------------------------------------------------
   9  -00.16 +03.52 +00.78 +21.62 -01.96 -00.10 +01.62 +05.19 +00.99
      +001.9 +005.0 +000.4 0196
------------------------------------------------------------------------
  10  +00.68 +03.43 +00.78 +20.12 -06.04 +00.78 +01.70 +05.23 +01.07
      +001.9 +001.0 +000.4 0192
------------------------------------------------------------------------
  11  +01.39 +03.18 +00.82 +18.30 -07.86 +02.07 +01.75 +06.31 +01.29
      +002.3 +001.1 +000.6 0192
------------------------------------------------------------------------
  12  +02.02 +02.85 +00.90 +15.02 -09.95 +03.63 +01.89 +07.29 +01.50
      +002.8 +001.3 +000.8 0192
------------------------------------------------------------------------
  13  +02.56 +02.42 +01.03 +12.34 -10.21 +04.75 +01.87 +08.79 +01.72
      +003.5 +002.0 +001.1 0191
------------------------------------------------------------------------
  14  +03.05 +01.93 +01.22 +09.85 -07.11 +05.11 +01.83 +10.62 +02.20
      +005.8 +004.6 +001.5 0192
------------------------------------------------------------------------
  15  +03.54 +01.51 +01.47 +08.32 -07.23 +05.00 +02.41 +12.77 +02.59
      +007.3 +005.4 +002.1 0189
------------------------------------------------------------------------
  16  +04.04 +00.98 +01.83 +05.76 -10.65 +04.10 +02.72 +14.63 +03.36
      +005.0 +002.5 +003.6 0187
------------------------------------------------------------------------
  17  +04.35 +00.47 +02.06 +04.15 -05.08 +02.25 +02.37 +12.98 +02.75
      +008.3 +004.4 +003.8 0347
------------------------------------------------------------------------
  18  +04.66 +00.08 +02.24 +04.04 -01.73 +01.53 +01.91 +14.53 +02.75
      +009.8 +011.7 +002.1 1221
------------------------------------------------------------------------
  19  +05.13 -00.15 +02.47 +05.05 +00.27 +01.47 +01.73 +14.15 +02.47
      +009.4 +033.2 +001.7 1052
------------------------------------------------------------------------
  20  +05.71 -00.05 +02.59 +05.81 -01.43 +01.57 +01.67 +12.29 +02.19
      +008.7 +017.3 +001.6 0689
```

125

```
-------------------------------------------------------------------------------
21   +06.39   -00.01   +02.64   +06.29   -00.86   +01.07   +01.51   +11.00   +02.03
     +008.7   +028.8   +001.7   0524
-------------------------------------------------------------------------------
22   +06.99   +00.12   +02.64   +06.25   -00.41   +00.63   +01.56   +09.46   +01.76
     +008.0   +051.9   +001.6   0510
-------------------------------------------------------------------------------
23   +07.50   +00.14   +02.64   +06.42   -01.14   +00.74   +01.67   +09.03   +01.84
     +009.0   +018.4   +002.0   0348
-------------------------------------------------------------------------------
24   +07.99   +00.06   +02.67   +06.86   -01.82   +00.69   +01.72   +09.06   +01.98
     +008.5   +007.6   +001.9   0348
-------------------------------------------------------------------------------
25   +08.57   -00.14   +02.69   +06.85   +00.26   +00.06   +01.56   +09.68   +01.74
     +008.9   +088.1   +001.7   0345
-------------------------------------------------------------------------------
26   +09.08   -00.22   +02.69   +06.45   +00.40   +00.22   +01.48   +10.17   +01.91
     +009.6   +086.1   +002.0   0358
-------------------------------------------------------------------------------
```

FILE:SL006

No.	Xcm	Ycm	Zcm	Um/s	Vm/s	Wm/s	Su	Sv	Sw
	DELxy	DELyz	DELzx	Navg					
1	-05.00	+02.32	+01.01	+11.55	+01.07	-00.52	+00.79	+03.84	+00.88
	+002.7	+008.1	+000.6	0191					
2	-04.50	+02.36	+00.98	+12.26	+02.57	-00.60	+00.68	+03.51	+00.82
	+002.2	+001.6	+000.5	0188					
3	-04.02	+02.48	+00.96	+11.90	+02.91	-00.63	+00.97	+03.49	+00.81
	+002.3	+001.4	+000.6	0191					
4	-03.54	+02.61	+00.94	+12.42	+04.19	-00.91	+01.09	+04.30	+01.01
	+002.6	+001.2	+000.7	0192					
5	-03.07	+02.76	+00.91	+13.57	+04.82	-00.99	+00.91	+04.32	+00.98
	+002.3	+001.0	+000.6	0192					
6	-02.61	+02.94	+00.88	+15.72	+04.79	-01.01	+00.96	+03.64	+00.88
	+001.7	+000.8	+000.5	0194					
7	-01.68	+03.26	+00.82	+18.51	+04.68	-00.95	+01.21	+04.32	+01.02
	+001.8	+001.0	+000.4	0194					
8	-00.87	+03.52	+00.77	+20.76	+01.95	-00.73	+01.47	+04.56	+00.98
	+001.8	+004.2	+000.4	0191					
9	-00.31	+03.58	+00.75	+21.40	-01.59	-00.16	+01.44	+05.01	+01.08
	+001.9	+007.5	+000.4	0190					
10	+00.49	+03.50	+00.75	+20.63	-04.90	+00.70	+01.72	+04.99	+01.05
	+001.9	+001.1	+000.4	0190					
11	+01.17	+03.28	+00.79	+19.38	-07.87	+01.90	+02.20	+06.02	+01.16
	+002.2	+001.0	+000.5	0193					
12	+01.78	+02.97	+00.85	+16.73	-07.76	+03.34	+02.12	+07.70	+01.55
	+003.1	+002.1	+000.7	0193					
13	+02.34	+02.65	+00.97	+13.71	-07.49	+04.85	+01.76	+08.39	+01.89
	+003.9	+003.2	+001.0	0190					
14	+02.88	+02.30	+01.16	+11.47	-07.05	+05.10	+01.99	+09.45	+01.91
	+004.9	+004.2	+001.2	0191					
15	+03.43	+01.93	+01.44	+09.94	-08.23	+05.65	+02.15	+10.09	+02.25
	+005.0	+003.6	+001.6	0190					
16	+03.95	+01.49	+01.79	+08.56	-11.23	+05.42	+02.54	+12.17	+02.88
	+004.4	+002.4	+002.2	0188					
17	+04.38	+00.99	+02.08	+06.31	-08.55	+04.25	+02.62	+16.34	+03.87
	+007.6	+004.3	+003.8	0188					
18	+04.65	+00.57	+02.29	+04.32	-03.17	+03.13	+02.47	+12.67	+02.54
	+009.3	+008.5	+002.3	0677					
19	+05.12	+00.15	+02.65	+04.70	-00.75	+03.32	+02.00	+13.15	+02.29
	+009.2	+012.4	+001.5	1180					
20	+05.55	-00.01	+02.98	+05.14	+01.98	+03.44	+01.97	+12.02	+02.25
	+009.2	+013.2	+001.7	0686					

```
------------------------------------------------------------------------
21   +06.18  +00.27  +03.47  +06.06  -00.47  +03.92  +01.76  +10.71  +01.83
     +009.2  +014.1  +001.5  0516
------------------------------------------------------------------------
22   +06.75  +00.44  +03.87  +06.24  -01.94  +04.11  +01.83  +08.88  +01.79
     +008.7  +010.9  +001.7  0347
------------------------------------------------------------------------
```

```
------------------------------------------------------------------------
FILE:SL007

No.   Xcm    Ycm    Zcm    Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy  DELyz  DELzx  Navg
------------------------------------------------------------------------
 1   -05.00 +01.51 +00.50 +09.57 +01.27 -00.25 +01.33 +04.02 +00.92
     +002.7 +002.9 +000.6 0287
------------------------------------------------------------------------
 2   -04.50 +01.58 +00.49 +09.78 +02.03 -00.41 +01.23 +04.25 +00.82
     +002.7 +002.0 +000.6 0291
------------------------------------------------------------------------
 3   -04.02 +01.70 +00.47 +09.79 +02.95 -00.58 +01.40 +04.03 +00.94
     +002.5 +001.3 +000.6 0285
------------------------------------------------------------------------
 4   -03.54 +01.86 +00.45 +10.49 +04.07 -00.68 +01.31 +04.20 +00.84
     +002.3 +000.9 +000.5 0294
------------------------------------------------------------------------
 5   -03.08 +02.04 +00.42 +11.17 +04.38 -00.79 +01.44 +04.11 +00.92
     +002.1 +000.9 +000.5 0288
------------------------------------------------------------------------
 6   -02.62 +02.24 +00.39 +12.76 +06.04 -01.03 +01.40 +04.93 +00.99
     +002.1 +000.7 +000.5 0291
------------------------------------------------------------------------
 7   -02.02 +02.58 +00.35 +16.50 +06.85 -01.23 +01.28 +04.50 +01.10
     +001.6 +000.6 +000.4 0287
------------------------------------------------------------------------
 8   -01.41 +02.89 +00.30 +19.36 +06.26 -01.36 +01.52 +04.85 +01.11
     +001.5 +000.7 +000.4 0289
------------------------------------------------------------------------
 9   -00.91 +03.06 +00.27 +21.57 +04.41 -00.99 +01.71 +05.27 +01.08
     +001.5 +001.2 +000.3 0292
------------------------------------------------------------------------
10   -00.41 +03.16 +00.25 +22.05 +00.50 -00.63 +01.93 +04.67 +01.04
     +001.4 +026.5 +000.3 0287
------------------------------------------------------------------------
11   +00.27 +03.16 +00.24 +23.16 -03.95 -00.01 +02.09 +05.91 +01.08
     +001.6 +001.8 +000.3 0290
------------------------------------------------------------------------
12   +00.90 +03.02 +00.25 +21.26 -08.08 +00.89 +02.36 +06.13 +01.19
     +001.7 +000.7 +000.4 0287
------------------------------------------------------------------------
13   +01.49 +02.75 +00.28 +16.71 -09.48 +01.76 +02.51 +07.87 +01.65
     +002.4 +000.8 +000.7 0286
------------------------------------------------------------------------
14   +02.01 +02.41 +00.33 +13.63 -08.80 +03.02 +02.68 +11.24 +02.19
     +003.9 +001.8 +001.0 0285
------------------------------------------------------------------------
15   +02.51 +02.04 +00.45 +09.99 -06.23 +03.39 +03.19 +13.35 +02.39
     +006.4 +004.8 +001.6 0288
------------------------------------------------------------------------
16   +02.97 +01.71 +00.61 +06.39 -08.80 +03.94 +04.20 +13.82 +02.74
     +005.3 +002.9 +002.8 0286
------------------------------------------------------------------------
17   +03.44 +01.22 +00.88 +02.17 -09.63 +04.08 +04.39 +19.07 +03.74
     +004.0 +003.5 +006.0 0288
------------------------------------------------------------------------
18   +03.59 +00.68 +01.17 -00.32 -12.33 +02.73 +03.84 +21.31 +04.54
     +002.1 +001.7 +009.2 0292
------------------------------------------------------------------------
19   +03.56 +00.34 +01.25 -02.72 -11.19 +02.30 +03.50 +21.42 +04.62
     +003.5 +001.8 +007.9 0291
------------------------------------------------------------------------
20   +03.43 -00.06 +01.33 -02.86 -07.08 +02.13 +03.09 +23.52 +04.81
     +008.0 +004.1 +008.1 0290
```

```
-------------------------------------------------------------------------
21   +03.23   -00.41   +01.42   -02.75   -03.65   +03.84   +03.69   +24.18   +04.45
     +021.3   +019.5   +005.6   0290
-------------------------------------------------------------------------
22   +02.88   -00.72   +01.25   -03.11   -00.49   +06.19   +03.31   +18.70   +03.49
     +031.4   +015.8   +002.5   0537
-------------------------------------------------------------------------
23   +02.75   -00.75   +01.39   -03.19   -01.43   +08.19   +03.65   +23.97   +04.44
     +041.4   +018.3   +002.9   0288
-------------------------------------------------------------------------
```

```
------------------------------------------------------------------------
FILE:SL008

No.   Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy   DELyz   DELzx   Navg
------------------------------------------------------------------------
 1   -04.99  +02.11  +00.50  +10.53  +01.66  -00.24  +01.38  +04.27  +00.93
     +002.6  +002.4  +000.6  0287
------------------------------------------------------------------------
 2   -04.50  +02.19  +00.49  +10.99  +02.27  -00.41  +01.24  +04.28  +01.00
     +002.5  +001.7  +000.6  0288
------------------------------------------------------------------------
 3   -04.02  +02.30  +00.48  +10.95  +03.31  -00.46  +01.27  +04.12  +01.02
     +002.3  +001.3  +000.6  0285
------------------------------------------------------------------------
 4   -03.55  +02.46  +00.46  +11.66  +03.56  -00.49  +01.38  +04.41  +01.02
     +002.3  +001.2  +000.6  0289
------------------------------------------------------------------------
 5   -03.07  +02.61  +00.44  +12.83  +05.41  -00.66  +01.25  +04.39  +01.07
     +001.9  +000.9  +000.6  0288
------------------------------------------------------------------------
 6   -02.62  +02.80  +00.42  +14.49  +05.56  -00.64  +01.28  +04.51  +00.98
     +001.8  +000.8  +000.4  0291
------------------------------------------------------------------------
 7   -01.95  +03.09  +00.39  +17.09  +05.88  -00.80  +01.51  +04.18  +00.94
     +001.5  +000.7  +000.4  0287
------------------------------------------------------------------------
 8   -01.44  +03.29  +00.37  +19.56  +05.30  -00.85  +01.61  +04.90  +01.12
     +001.6  +000.9  +000.4  0286
------------------------------------------------------------------------
 9   -00.92  +03.45  +00.34  +21.33  +01.85  -00.33  +01.64  +04.69  +01.03
     +001.4  +002.3  +000.3  0285
------------------------------------------------------------------------
10   -00.16  +03.49  +00.33  +22.98  -01.33  -00.16  +01.94  +04.95  +01.13
     +001.4  +008.1  +000.3  0288
------------------------------------------------------------------------
11   +00.50  +03.42  +00.34  +22.30  -05.41  +00.51  +01.96  +05.27  +01.11
     +001.5  +001.0  +000.3  0284
------------------------------------------------------------------------
12   +01.13  +03.24  +00.36  +20.44  -06.45  +00.93  +02.35  +06.56  +01.12
     +002.0  +000.8  +000.4  0286
------------------------------------------------------------------------
13   +01.73  +03.00  +00.40  +14.84  -08.60  +01.92  +01.93  +06.24  +01.32
     +002.1  +000.7  +000.6  0286
------------------------------------------------------------------------
14   +02.25  +02.65  +00.47  +13.82  -08.11  +03.16  +02.21  +08.62  +01.83
     +003.1  +001.6  +000.9  0286
------------------------------------------------------------------------
15   +02.77  +02.30  +00.59  +11.72  -07.48  +03.89  +02.57  +11.03  +02.16
     +004.4  +003.1  +001.2  0288
------------------------------------------------------------------------
16   +03.25  +01.97  +00.75  +09.40  -08.92  +04.54  +02.94  +11.90  +02.44
     +004.6  +002.7  +001.6  0282
------------------------------------------------------------------------
17   +03.77  +01.51  +01.04  +06.45  -12.96  +04.72  +03.50  +17.35  +03.11
     +003.8  +002.1  +002.7  0286
------------------------------------------------------------------------
18   +04.14  +00.97  +01.29  +02.95  -11.89  +03.07  +03.90  +17.58  +03.68
     +003.0  +001.6  +005.9  0285
------------------------------------------------------------------------
19   +04.37  +00.27  +01.52  +01.46  -07.26  +01.41  +03.33  +19.47  +03.88
     +004.4  +002.5  +011.7  0287
------------------------------------------------------------------------
20   +04.43  -00.16  +01.60  +01.12  -02.01  +01.18  +03.52  +20.66  +03.67
     +013.6  +011.2  +006.9  1386
```

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```
--------------------------------------------------------------------------------
21   +04.60   -00.52   +01.79   +02.81   +00.52   +02.42   +03.14   +19.33   +03.31
     +018.5   +022.3   +002.6   1631
--------------------------------------------------------------------------------
22   +04.84   -00.36   +02.03   +04.06   -00.74   +02.44   +02.54   +16.57   +03.09
     +019.0   +028.6   +003.1   0548
--------------------------------------------------------------------------------
23   +05.25   -00.38   +02.29   +04.71   +01.04   +02.30   +02.08   +15.39   +02.61
     +015.5   +029.7   +002.6   0533
--------------------------------------------------------------------------------
24   +05.64   -00.11   +02.47   +05.46   -01.02   +02.39   +02.59   +15.85   +02.81
     +018.4   +035.4   +003.1   0287
--------------------------------------------------------------------------------
25   +05.92   -00.09   +02.59   +05.65   -00.94   +02.07   +02.21   +13.73   +02.72
     +015.7   +034.3   +003.0   0282
--------------------------------------------------------------------------------
26   +06.21   -00.13   +02.67   +05.55   -00.56   +02.06   +02.15   +12.59   +02.43
     +014.8   +036.6   +002.7   0285
--------------------------------------------------------------------------------
27   +06.81   -00.21   +02.85   +06.46   +00.51   +02.02   +02.26   +12.94   +02.58
     +013.2   +041.5   +002.5   0285
--------------------------------------------------------------------------------
28   +07.38   -00.28   +02.99   +06.53   +00.56   +01.88   +02.17   +11.60   +01.93
     +011.6   +039.1   +001.9   0285
--------------------------------------------------------------------------------
29   +07.87   -00.25   +03.12   +06.65   -00.51   +02.08   +02.44   +12.17   +02.33
     +012.0   +035.3   +002.2   0288
--------------------------------------------------------------------------------
30   +08.41   -00.28   +03.28   +06.82   -00.15   +01.83   +02.43   +10.99   +02.13
     +010.6   +039.4   +002.0   0287
--------------------------------------------------------------------------------
31   +08.92   -00.28   +03.41   +07.20   +00.80   +01.55   +02.08   +10.56   +02.11
     +009.6   +038.7   +001.9   0284
--------------------------------------------------------------------------------
32   +09.50   -00.20   +03.54   +06.75   -00.72   +01.82   +02.13   +10.62   +02.25
     +010.4   +031.5   +002.1   0284
--------------------------------------------------------------------------------
33   +10.26   -00.25   +03.72   +07.36   +00.95   +01.38   +01.99   +10.37   +02.07
     +009.2   +037.6   +001.8   0285
--------------------------------------------------------------------------------
```

```
------------------------------------------------------------------------
FILE:SL009

No.   Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy   DELyz   DELzx   Navg
------------------------------------------------------------------------
 1    -05.00  +02.52  +00.50  +10.30  +01.89  -00.31  +00.98  +03.82  +00.80
      +002.3  +001.8  +000.5  0293
------------------------------------------------------------------------
 2    -04.51  +02.61  +00.49  +10.53  +02.23  -00.29  +00.96  +03.51  +00.75
      +002.1  +001.4  +000.5  0290
------------------------------------------------------------------------
 3    -04.03  +02.71  +00.48  +10.88  +02.73  -00.27  +01.14  +03.66  +00.85
      +002.1  +001.4  +000.5  0290
------------------------------------------------------------------------
 4    -03.55  +02.84  +00.47  +11.62  +03.90  -00.37  +01.12  +04.66  +00.79
      +002.4  +001.0  +000.5  0290
------------------------------------------------------------------------
 5    -03.08  +03.02  +00.46  +12.72  +04.47  -00.53  +00.93  +03.99  +00.85
      +001.9  +000.8  +000.4  0287
------------------------------------------------------------------------
 6    -02.61  +03.20  +00.45  +14.00  +04.69  -00.40  +01.12  +03.83  +00.82
      +001.6  +000.9  +000.4  0292
------------------------------------------------------------------------
 7    -01.93  +03.47  +00.43  +16.03  +03.68  -00.33  +01.06  +03.75  +00.81
      +001.5  +001.1  +000.3  0288
------------------------------------------------------------------------
 8    -01.38  +03.61  +00.42  +17.75  +02.58  -00.28  +01.13  +04.26  +00.87
      +001.5  +001.5  +000.3  0289
------------------------------------------------------------------------
 9    -00.54  +03.73  +00.42  +19.01  -00.26  +00.08  +01.45  +03.91  +00.80
      +001.4  +019.4  +000.3  0287
------------------------------------------------------------------------
10    +00.16  +03.70  +00.43  +19.29  -03.03  +00.47  +01.54  +04.17  +00.86
      +001.4  +001.2  +000.3  0287
------------------------------------------------------------------------
11    +00.81  +03.56  +00.44  +18.08  -04.88  +00.83  +01.65  +04.64  +00.92
      +001.6  +000.8  +000.3  0292
------------------------------------------------------------------------
12    +01.44  +03.35  +00.47  +16.09  -05.88  +01.32  +01.83  +04.91  +00.87
      +001.8  +000.8  +000.4  0290
------------------------------------------------------------------------
13    +02.04  +03.09  +00.52  +13.23  -05.36  +02.03  +01.61  +06.00  +01.21
      +002.6  +001.7  +000.6  0286
------------------------------------------------------------------------
14    +02.58  +02.84  +00.61  +11.21  -06.41  +02.78  +01.94  +06.89  +01.25
      +003.1  +002.0  +000.7  0285
------------------------------------------------------------------------
15    +03.08  +02.52  +00.74  +09.99  -06.56  +03.32  +02.25  +07.97  +01.54
      +003.8  +002.5  +001.0  0284
------------------------------------------------------------------------
16    +03.69  +02.14  +00.97  +07.75  -06.95  +03.68  +02.57  +10.30  +02.04
      +005.0  +003.1  +001.7  0283
------------------------------------------------------------------------
17    +04.28  +01.66  +01.29  +05.94  -11.40  +04.05  +03.03  +13.24  +02.75
      +003.4  +001.7  +002.6  0282
------------------------------------------------------------------------
18    +04.67  +01.17  +01.51  +04.53  -10.77  +02.56  +03.18  +16.88  +03.95
      +004.0  +001.5  +004.8  0290
------------------------------------------------------------------------
19    +04.77  +00.89  +01.58  +03.83  -09.80  +01.84  +03.19  +16.26  +04.10
      +004.1  +001.5  +006.1  0289
------------------------------------------------------------------------
20    +04.91  +00.46  +01.64  +02.74  -05.25  +00.32  +02.94  +15.69  +03.44
      +008.5  +003.5  +008.2  0288
------------------------------------------------------------------------
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```
------------------------------------------------------------------
21   +05.06   +00.08   +01.63   +03.20   -01.14   -00.80   +02.22   +15.04   +02.91
     +014.5   +026.8   +003.3   1061
------------------------------------------------------------------
22   +05.41   -00.44   +01.51   +03.31   +00.13   -00.63   +02.30   +17.74   +03.50
     +017.8   +089.5   +003.5   1104
------------------------------------------------------------------
23   +06.15   -00.57   +01.27   +02.80   +00.11   -00.95   +02.63   +18.14   +03.66
     +019.5   +056.8   +003.8   1396
------------------------------------------------------------------
24   +06.48   -00.53   +01.14   +02.34   +01.20   -01.76   +02.53   +16.91   +03.38
     +019.3   +020.4   +003.8   1100
------------------------------------------------------------------
25   +06.78   -00.35   +00.94   +01.42   -00.01   -02.18   +02.72   +14.11   +02.82
     +028.7   +019.3   +003.0   1622
------------------------------------------------------------------
```

FILE:SL010

No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	+05.05 +006.8	+00.09 +002.5	+01.63 +007.3	+02.81 0383	-06.27	+00.59	+03.31	+18.65	+03.70
2	+05.26 +019.9	-00.37 +007.3	+01.68 +006.9	+03.13 0388	-02.94	+00.84	+03.47	+20.55	+03.93
3	+05.40 +016.1	-00.50 +015.4	+01.71 +003.7	+03.72 0732	-02.13	+01.66	+03.15	+18.91	+03.40
4	+05.55 +015.2	-00.59 +023.8	+01.79 +002.9	+04.56 0717	-01.40	+01.94	+02.78	+17.78	+03.16
5	+05.72 +020.2	-00.64 +033.1	+01.86 +003.5	+05.08 0383	-01.44	+02.16	+03.05	+19.48	+03.46
6	+05.90 +018.6	-00.69 +047.2	+01.93 +003.1	+05.45 0380	-00.02	+02.16	+02.83	+17.72	+03.23
7	+06.16 +016.3	-00.67 +027.6	+02.05 +003.1	+05.58 0383	-01.54	+02.17	+02.94	+17.18	+03.25
8	+06.36 +015.7	-00.70 +034.8	+02.12 +002.9	+06.11 0387	-01.24	+01.87	+02.73	+17.80	+03.21
9	+06.57 +015.3	-00.73 +044.3	+02.19 +002.8	+06.24 0382	-00.54	+01.95	+02.64	+16.81	+03.24
10	+06.76 +014.5	-00.74 +034.1	+02.24 +002.5	+06.17 0383	-01.00	+02.05	+02.64	+16.01	+02.87
11	+07.06 +013.5	-00.79 +035.8	+02.33 +002.3	+06.41 0381	-00.72	+02.14	+02.62	+15.40	+02.74
12	+07.25 +011.8	-00.81 +036.5	+02.39 +002.2	+06.86 0383	-00.71	+01.87	+02.46	+14.36	+02.74
13	+07.44 +011.4	-00.83 +037.6	+02.44 +002.2	+07.10 0381	+01.23	+01.48	+02.57	+14.51	+02.84
14	+07.77 +011.0	-00.79 +032.4	+02.50 +002.2	+06.73 0381	+01.25	+01.74	+02.29	+13.37	+02.68
15	+08.23 +011.7	-00.63 +039.4	+02.61 +002.3	+06.62 0383	-00.43	+01.82	+02.50	+13.64	+02.77
16	+08.68 +009.9	-00.57 +057.1	+02.72 +002.0	+07.31 0381	+00.08	+01.29	+02.22	+12.70	+02.57
17	+09.07 +009.8	-00.54 +048.5	+02.78 +002.0	+07.01 0380	-00.22	+01.36	+02.41	+12.00	+02.54
18	+09.61 +009.8	-00.57 +060.1	+02.88 +002.0	+06.98 0379	+00.40	+01.07	+02.24	+11.96	+02.46

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| No. | Xcm | Ycm | Zcm | Um/s | Vm/s | Wm/s | Su | Sv | Sw |
	DELxy	DELyz	DELzx	Navg					
1	-05.00	+02.72	+00.50	+11.21	+02.34	-00.35	+01.23	+04.00	+00.89
	+002.3	+001.6	+000.5	0286					
2	-04.70	+02.78	+00.49	+10.90	+01.75	-00.29	+01.23	+04.19	+00.93
	+002.5	+002.2	+000.6	0287					
3	-04.41	+02.82	+00.49	+11.39	+02.65	-00.31	+01.19	+03.83	+00.90
	+002.1	+001.5	+000.5	0286					
4	-04.13	+02.90	+00.48	+11.86	+03.26	-00.38	+01.29	+04.24	+00.92
	+002.2	+001.3	+000.5	0290					
5	-03.84	+03.00	+00.48	+12.09	+03.06	-00.30	+01.26	+03.99	+00.97
	+002.1	+001.5	+000.5	0285					
6	-03.56	+03.08	+00.47	+12.75	+03.35	-00.46	+01.16	+04.08	+00.86
	+002.0	+001.1	+000.4	0287					
7	-03.05	+03.24	+00.46	+13.59	+04.19	-00.46	+01.41	+04.30	+00.98
	+001.9	+001.1	+000.5	0289					
8	-02.47	+03.42	+00.44	+15.25	+04.15	-00.50	+01.41	+04.56	+00.98
	+001.8	+001.0	+000.4	0291					
9	-01.40	+03.75	+00.39	+18.28	+02.48	-00.33	+01.50	+04.61	+01.02
	+001.6	+001.8	+000.4	0288					
10	-00.77	+03.86	+00.38	+19.80	+00.97	-00.10	+01.65	+04.68	+01.09
	+001.6	+005.3	+000.4	0286					
11	-00.03	+03.88	+00.38	+20.00	-01.76	+00.09	+01.76	+04.90	+01.00
	+001.6	+003.2	+000.3	0284					
12	+00.81	+03.77	+00.39	+19.54	-04.86	+00.75	+01.88	+04.59	+01.00
	+001.5	+000.9	+000.3	0286					
13	+01.58	+03.51	+00.42	+17.14	-04.25	+01.18	+02.18	+08.92	+01.12
	+003.2	+002.7	+000.4	0291					
14	+02.32	+03.29	+00.48	+14.04	-07.65	+02.16	+02.01	+06.89	+01.26
	+002.5	+001.1	+000.6	0287					
15	+03.66	+02.99	+00.67	+11.10	-04.80	+02.51	+02.13	+07.54	+01.44
	+003.8	+003.3	+000.9	0285					

```
------------------------------------------------------------------------
  FILE:SL012

  No.  Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
       DELxy   DELyz   DELzx   Navg
------------------------------------------------------------------------
   1   +01.58  +03.53  +00.42  +16.73  -07.29  +01.35  +02.00  +05.30  +01.09
       +001.8  +000.7  +000.4  0289
------------------------------------------------------------------------
   2   +02.04  +03.33  +00.46  +16.11  -06.32  +01.60  +02.10  +06.36  +01.17
       +002.3  +001.1  +000.5  0288
------------------------------------------------------------------------
   3   +02.50  +03.18  +00.50  +13.79  -05.50  +02.17  +02.18  +09.32  +01.35
       +003.8  +003.1  +000.6  0291
------------------------------------------------------------------------
   4   +02.95  +03.00  +00.57  +12.24  -04.82  +02.67  +02.15  +08.98  +01.53
       +004.3  +004.3  +000.8  0284
------------------------------------------------------------------------
   5   +03.40  +02.83  +00.66  +11.12  -05.72  +02.88  +02.37  +08.15  +01.43
       +003.9  +003.1  +000.9  0283
------------------------------------------------------------------------
   6   +03.83  +02.61  +00.77  +09.83  -04.96  +03.22  +02.52  +09.02  +01.83
       +005.0  +004.4  +001.2  0280
------------------------------------------------------------------------
   7   +04.50  +02.29  +01.01  +07.78  -07.85  +03.80  +03.20  +10.94  +02.32
       +004.8  +002.6  +001.9  0284
------------------------------------------------------------------------
   8   +05.27  +01.83  +01.31  +05.72  -05.08  +02.50  +03.35  +15.06  +03.42
       +009.9  +005.5  +003.6  0287
------------------------------------------------------------------------
   9   +05.81  +01.39  +01.57  +05.75  -06.93  +01.82  +02.83  +15.15  +03.59
       +007.3  +002.2  +003.9  0285
------------------------------------------------------------------------
  10   +06.15  +00.96  +01.69  +04.95  -04.54  +00.80  +02.79  +14.41  +03.24
       +010.6  +002.9  +004.3  0285
------------------------------------------------------------------------
  11   +06.53  +00.58  +01.75  +04.67  -03.79  +00.15  +02.64  +13.38  +02.95
       +011.7  +004.5  +004.2  0282
------------------------------------------------------------------------
  12   +07.01  +00.17  +01.75  +05.06  -02.46  -00.29  +02.63  +13.85  +03.13
       +014.7  +012.1  +004.1  0286
------------------------------------------------------------------------
  13   +07.51  -00.14  +01.68  +04.99  +00.18  -00.89  +02.46  +14.12  +02.79
       +018.8  +098.2  +003.7  0285
------------------------------------------------------------------------
  14   +08.10  -00.07  +01.51  +04.06  +00.15  -01.07  +02.49  +12.89  +02.65
       +016.2  +060.6  +003.4  0537
------------------------------------------------------------------------
  15   +08.72  +00.05  +01.29  +03.88  -00.15  -01.43  +02.49  +11.80  +02.32
       +016.4  +045.7  +003.3  0538
------------------------------------------------------------------------
  16   +09.31  +00.18  +01.04  +03.38  +01.56  -01.42  +02.39  +12.01  +02.53
       +015.7  +017.2  +003.7  0533
------------------------------------------------------------------------
  17   +09.78  +00.48  +00.83  +02.97  -00.25  -01.37  +01.98  +10.33  +02.41
       +018.2  +039.2  +003.8  0529
------------------------------------------------------------------------
  18   +10.30  +00.47  +00.58  +02.71  +02.02  -01.20  +02.31  +11.53  +02.68
       +018.2  +012.1  +005.9  0288
------------------------------------------------------------------------
  19   +10.76  +00.77  +00.38  +03.21  +03.43  -00.72  +01.95  +11.34  +02.00
       +011.1  +003.2  +004.0  0287
------------------------------------------------------------------------
  20   +11.86  +01.36  +00.27  +02.85  +01.12  -00.18  +02.02  +07.58  +01.70
       +015.3  +006.3  +004.0  0285
------------------------------------------------------------------------
```

```
-----------------------------------------------------------------------
21   +12.52   +01.67   +00.28   +02.84   +02.12   -00.16   +01.95   +07.60   +01.68
     +011.5   +004.0   +004.0   0289
-----------------------------------------------------------------------
22   +13.18   +02.16   +00.28   +02.67   +00.40   +00.14   +01.99   +07.25   +01.55
     +017.4   +057.7   +003.8   0289
-----------------------------------------------------------------------
23   +13.70   +02.27   +00.33   +03.05   +01.72   -00.15   +01.73   +07.49   +01.55
     +012.5   +004.4   +003.4   0285
-----------------------------------------------------------------------
24   +14.28   +02.61   +00.31   +03.18   +01.66   +00.03   +01.91   +07.28   +01.61
     +012.1   +006.9   +003.4   0286
-----------------------------------------------------------------------
25   +14.72   +02.83   +00.31   +03.08   +01.81   -00.07   +01.82   +07.25   +01.56
     +011.6   +005.0   +003.4   0290
-----------------------------------------------------------------------
```

```
----------------------------------------------------------------------
FILE:SL013

No.   Xcm      Ycm      Zcm      Um/s     Vm/s     Wm/s     Su       Sv       Sw
      DELxy    DELyz    DELzx    Navg

----------------------------------------------------------------------
 1    -05.00   -06.99   +02.01   +13.76   -01.00   -00.34   +00.69   +02.43   +00.63
      +002.0   +014.1   +000.5   0096
----------------------------------------------------------------------
 2    -04.50   -07.03   +01.99   +14.09   -00.69   -00.42   +00.79   +03.21   +00.70
      +002.6   +030.2   +000.6   0097
----------------------------------------------------------------------
 3    -04.00   -07.04   +01.98   +13.86   -00.96   -00.27   +00.70   +03.00   +00.74
      +002.5   +016.4   +000.6   0097
----------------------------------------------------------------------
 4    -03.51   -07.08   +01.97   +13.76   -00.69   -00.46   +00.95   +02.91   +00.60
      +002.5   +027.9   +000.5   0094
----------------------------------------------------------------------
 5    -03.01   -07.10   +01.96   +14.73   -01.14   -00.34   +00.66   +03.24   +00.54
      +002.5   +012.9   +000.4   0096
----------------------------------------------------------------------
 6    -02.52   -07.14   +01.95   +14.55   -01.44   -00.32   +00.79   +09.36   +00.63
      +007.1   +019.2   +000.5   0165
----------------------------------------------------------------------
```

```
---------------------------------------------------------------------------
FILE:SL014

No.   Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy   DELyz   DELzx   Navg
---------------------------------------------------------------------------
 1    +02.79  -06.49  +02.20  +14.67  +03.32  +00.90  +00.81  +01.97  +00.41
      +001.5  +002.9  +000.3  0096
---------------------------------------------------------------------------
 2    +03.28  -06.38  +02.23  +15.12  +03.53  +01.00  +00.98  +02.43  +00.52
      +001.7  +003.4  +000.4  0096
---------------------------------------------------------------------------
 3    +03.76  -06.27  +02.26  +14.16  +04.16  +01.22  +00.96  +02.85  +00.63
      +002.1  +003.5  +000.5  0096
---------------------------------------------------------------------------
 4    +04.23  -06.14  +02.30  +13.75  +04.40  +01.33  +01.16  +02.52  +00.55
      +001.9  +002.9  +000.5  0097
---------------------------------------------------------------------------
 5    +04.70  -05.99  +02.34  +13.26  +04.10  +01.57  +01.21  +02.64  +00.65
      +002.1  +003.8  +000.6  0096
---------------------------------------------------------------------------
 6    +05.17  -05.84  +02.40  +13.40  +03.87  +01.83  +00.89  +02.52  +00.51
      +002.0  +003.9  +000.4  0095
---------------------------------------------------------------------------
 7    +05.83  -05.61  +02.48  +12.49  +03.82  +01.90  +01.20  +02.95  +00.65
      +002.5  +004.8  +000.6  0096
---------------------------------------------------------------------------
 8    +06.37  -05.43  +02.56  +12.41  +03.69  +01.99  +00.83  +03.53  +00.77
      +003.0  +006.2  +000.7  0095
---------------------------------------------------------------------------
 9    +07.13  -05.16  +02.69  +11.67  +03.92  +02.07  +01.05  +03.51  +00.63
      +003.1  +005.4  +000.6  0096
---------------------------------------------------------------------------
10    +07.77  -04.92  +02.80  +11.50  +03.02  +02.14  +01.04  +03.71  +00.87
      +003.5  +008.5  +000.9  0096
---------------------------------------------------------------------------
11    +08.53  -04.68  +02.95  +10.74  +03.05  +02.09  +00.91  +04.01  +00.77
      +004.0  +008.5  +000.8  0096
---------------------------------------------------------------------------
12    +09.09  -04.53  +03.06  +10.70  +03.08  +02.06  +01.17  +03.27  +00.69
      +003.3  +007.1  +000.7  0095
---------------------------------------------------------------------------
13    +09.91  -04.26  +03.20  +10.81  +02.68  +02.01  +01.26  +04.75  +01.05
      +004.8  +012.2  +001.1  0095
---------------------------------------------------------------------------
14    +10.69  -04.05  +03.33  +10.32  +03.72  +01.70  +01.32  +04.52  +00.94
      +004.5  +007.2  +001.0  0095
---------------------------------------------------------------------------
15    +11.47  -03.73  +03.45  +10.16  +02.77  +01.55  +01.34  +05.66  +01.02
      +006.0  +012.5  +001.2  0095
---------------------------------------------------------------------------
16    +12.24  -03.47  +03.54  +10.20  +02.47  +01.49  +01.35  +05.27  +01.30
      +005.7  +014.6  +001.5  0094
---------------------------------------------------------------------------
17    +12.98  -03.25  +03.62  +10.14  +02.52  +01.21  +01.37  +06.69  +01.24
      +007.3  +015.8  +001.4  0093
---------------------------------------------------------------------------
18    +13.66  -03.02  +03.68  +08.63  +01.35  +01.29  +01.73  +06.82  +01.55
      +008.9  +034.8  +002.0  0095
---------------------------------------------------------------------------
19    +14.43  -02.85  +03.75  +09.16  +01.11  +01.00  +01.54  +07.54  +01.54
      +009.3  +045.6  +001.9  0096
---------------------------------------------------------------------------
```

```
--------------------------------------------------------------------------------
FILE:SL015

No.   Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy   DELyz   DELzx   Navg
--------------------------------------------------------------------------------
1    -05.00   -03.00  +02.00  +11.84  -01.87  -00.77  +00.95  +03.37  +00.77
     +003.2   +010.8  +000.7  0095
--------------------------------------------------------------------------------
2    -04.50   -03.08  +01.97  +11.92  -01.99  -00.89  +01.08  +02.80  +00.58
     +002.6   +008.5  +000.6  0094
--------------------------------------------------------------------------------
3    -04.02   -03.17  +01.93  +12.23  -03.14  -01.01  +00.85  +03.25  +00.80
     +002.9   +005.8  +000.8  0094
--------------------------------------------------------------------------------
4    -03.54   -03.29  +01.90  +13.33  -03.44  -00.98  +00.79  +03.36  +00.75
     +002.7   +005.0  +000.6  0096
--------------------------------------------------------------------------------
5    -03.06   -03.40  +01.86  +13.63  -04.69  -00.83  +01.12  +03.05  +00.59
     +002.3   +002.5  +000.5  0096
--------------------------------------------------------------------------------
6    -02.59   -03.55  +01.84  +15.62  -04.50  -00.97  +00.78  +03.67  +00.78
     +002.5   +003.6  +000.6  0096
--------------------------------------------------------------------------------
```

```
----------------------------------------------------------------------
FILE:SL016

No.   Xcm    Ycm    Zcm    Um/s    Vm/s    Wm/s    Su     Sv     Sw
      DELxy  DELyz  DELzx  Navg

----------------------------------------------------------------------
 1    +02.40 -02.70 +02.00 +13.21  +10.53  +03.76  +01.51 +04.10 +01.05
      +002.3 +002.3 +000.9 0094
----------------------------------------------------------------------
 2    +02.78 -02.40 +02.11 +11.90  +11.38  +04.95  +01.54 +05.50 +01.36
      +002.9 +003.0 +001.2 0097
----------------------------------------------------------------------
 3    +03.12 -02.07 +02.25 +09.78  +10.02  +05.58  +01.67 +06.70 +01.60
      +004.0 +004.4 +001.6 0095
----------------------------------------------------------------------
 4    +03.44 -01.73 +02.43 +08.27  +07.81  +05.82  +01.42 +08.81 +02.10
      +006.6 +007.9 +002.2 0093
----------------------------------------------------------------------
 5    +03.76 -01.43 +02.65 +07.23  +07.55  +05.31  +01.80 +08.24 +01.63
      +006.5 +007.2 +002.2 0095
----------------------------------------------------------------------
 6    +04.06 -01.10 +02.88 +05.13  +07.87  +04.65  +01.96 +10.42 +02.23
      +007.3 +008.7 +003.5 0094
----------------------------------------------------------------------
 7    +04.45 -00.41 +03.27 +04.37  +03.95  +04.06  +01.41 +11.00 +02.07
      +008.7 +010.2 +001.9 0346
----------------------------------------------------------------------
 8    +04.87 +00.34 +03.78 +05.05  -00.89  +04.33  +01.39 +08.86 +01.73
      +009.6 +011.3 +001.4 0426
----------------------------------------------------------------------
 9    +05.29 +00.19 +04.23 +05.46  -01.50  +04.83  +01.33 +08.78 +01.73
      +009.1 +009.6 +001.4 0429
----------------------------------------------------------------------
10    +05.85 +00.04 +04.88 +05.52  -00.23  +04.93  +01.00 +07.57 +01.64
      +009.0 +010.0 +001.3 0329
----------------------------------------------------------------------
11    +06.47 -00.18 +05.55 +05.79  -00.93  +05.51  +01.05 +07.46 +01.36
      +009.7 +010.2 +001.3 0253
----------------------------------------------------------------------
12    +06.95 -00.57 +06.07 +06.08  +00.50  +05.39  +01.25 +07.02 +01.17
      +009.0 +010.3 +001.2 0254
----------------------------------------------------------------------
13    +07.43 -00.55 +06.56 +06.26  +01.59  +05.35  +01.31 +06.91 +01.20
      +009.4 +011.5 +001.4 0172
----------------------------------------------------------------------
14    +07.92 -00.44 +07.05 +06.41  +02.42  +05.28  +01.15 +06.32 +01.14
      +009.0 +011.2 +001.5 0164
----------------------------------------------------------------------
15    +08.52 -00.05 +07.60 +06.27  +00.06  +05.37  +01.06 +06.93 +01.15
      +008.5 +010.2 +001.1 0257
----------------------------------------------------------------------
16    +08.96 +00.25 +07.99 +06.36  -00.59  +05.60  +01.17 +06.30 +01.26
      +009.6 +010.7 +001.4 0168
----------------------------------------------------------------------
17    +09.41 +00.29 +08.39 +06.29  +00.36  +05.34  +01.13 +06.42 +01.18
      +007.9 +009.4 +001.1 0251
----------------------------------------------------------------------
18    +09.90 +00.32 +08.82 +06.40  -01.43  +05.61  +01.19 +06.19 +01.11
      +008.7 +009.4 +001.4 0168
----------------------------------------------------------------------
19    +10.56 +00.09 +09.38 +06.17  -00.78  +05.17  +01.26 +06.60 +01.17
      +009.6 +011.6 +001.6 0169
----------------------------------------------------------------------
20    +11.08 -00.27 +09.80 +06.53  -00.05  +05.17  +01.09 +06.80 +01.31
      +008.0 +010.0 +001.3 0254
```

```
------------------------------------------------------------------------
21    +11.53   -00.43   +10.15   +06.52   +01.20   +05.41   +00.89   +06.67   +01.27
      +008.2   +010.2   +001.2   0246
------------------------------------------------------------------------
22    +12.00   -00.40   +10.51   +06.60   -00.24   +05.32   +01.12   +06.63   +01.30
      +009.8   +012.4   +001.4   0170
------------------------------------------------------------------------
23    +12.55   -00.38   +10.89   +06.84   +00.68   +05.19   +01.10   +06.25   +01.14
      +009.5   +012.5   +001.5   0166
------------------------------------------------------------------------
24    +13.15   -00.03   +11.25   +06.98   -00.73   +05.01   +01.03   +05.69   +01.14
      +008.0   +010.5   +001.4   0165
------------------------------------------------------------------------
25    +13.57   +00.19   +11.48   +06.97   -00.87   +04.96   +01.16   +06.55   +01.26
      +007.9   +010.7   +001.3   0249
------------------------------------------------------------------------
26    +13.98   +00.27   +11.67   +07.25   -02.38   +05.06   +01.06   +05.88   +01.11
      +007.6   +009.0   +001.5   0167
------------------------------------------------------------------------
```

FILE:SL017

No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	-05.00 +003.9	-01.98 +024.3	+02.00 +000.8	+11.12 0096	-01.06	-00.85	+01.07	+03.83	+00.77
2	-04.50 +002.8	-02.03 +011.8	+01.97 +000.5	+11.75 0096	-01.61	-01.06	+00.62	+02.97	+00.50
3	-04.01 +003.1	-02.10 +005.4	+01.93 +000.7	+11.82 0096	-03.35	-01.07	+00.72	+03.49	+00.73
4	-03.54 +003.1	-02.23 +004.8	+01.89 +000.6	+11.68 0096	-03.73	-01.28	+00.98	+03.51	+00.65
5	-03.07 +003.1	-02.38 +003.6	+01.84 +000.7	+12.46 0095	-05.00	-01.37	+01.05	+03.97	+00.71
6	-02.61 +003.1	-02.55 +003.4	+01.79 +000.7	+13.45 0096	-05.94	-01.57	+01.11	+04.42	+00.87
7	-01.87 +007.1	-02.93 +007.3	+01.70 +000.8	+16.18 0095	-05.31	-01.37	+01.45	+10.92	+01.06
8	-01.13 +007.6	-03.20 +002.6	+01.63 +000.8	+20.34 0097	-11.81	-00.97	+01.25	+18.04	+01.38

```
------------------------------------------------------------------------
FILE·SLO18

No.  Xcm      Ycm      Zcm      Um/s     Vm/s     Wm/s     Su       Sv       Sw
     DELxy    DELyz    DELzx    Navg
------------------------------------------------------------------------
 1   +02.00   -02.59   +01.90   +13.75   +11.82   +04.69   +02.39   +06.99   +01.48
     +003.5   +003.4   +001.3   0096
------------------------------------------------------------------------
 2   +02.37   -02.27   +02.03   +11.86   +11.31   +05.67   +01.99   +06.02   +01.34
     +003.2   +003.4   +001.3   0096
------------------------------------------------------------------------
 3   +02.71   -01.93   +02.19   +09.73   +11.79   +06.26   +02.10   +07.73   +01.50
     +003.9   +004.1   +001.7   0094
------------------------------------------------------------------------
 4   +02.99   -01.57   +02.37   +07.12   +09.85   +06.57   +02.21   +09.69   +02.52
     +005.7   +006.9   +002.8   0096
------------------------------------------------------------------------
 5   +03.25   -01.21   +02.61   +05.29   +08.43   +06.04   +02.18   +12.32   +02.75
     +007.9   +010.0   +003.5   0095
------------------------------------------------------------------------
 6   +03.47   -00.84   +02.86   +03.05   +11.27   +05.78   +02.36   +12.41   +02.73
     +004.0   +007.0   +004.3   0094
------------------------------------------------------------------------
 7   +03.58   -00.14   +03.23   +00.13   +02.53   +05.38   +02.20   +12.26   +02.49
     +004.2   +009.3   +001.8   0667
------------------------------------------------------------------------
 8   +03.45   +00.47   +03.80   +00.12   -01.29   +06.65   +02.51   +11.69   +02.40
     +012.1   +009.4   +002.1   0427
------------------------------------------------------------------------
 9   +03.15   +00.26   +04.35   -03.59   -00.09   +10.25   +03.34   +18.85   +04.16
     +026.4   +009.3   +001.5   0600
------------------------------------------------------------------------
10   +02.81   +00.18   +04.78   -06.86   -02.74   +17.56   +03.61   +27.09   +06.55
     +022.0   +009.6   +001.4   0345
------------------------------------------------------------------------
```

FILE:SLO19

No.	Xcm	Ycm	Zcm	Um/s	Vm/s	Wm/s	Su	Sv	Sw
	DELxy	DELyz	DELzx	Navg					
1	-05.00	+02.00	+02.01	+12.02	+02.13	-00.87	+00.75	+03.07	+00.76
	+002.9	+003.6	+000.7	0095					
2	-04.51	+02.09	+01.97	+11.71	+01.77	-00.87	+00.84	+03.42	+00.73
	+003.3	+006.3	+000.7	0095					
3	-04.02	+02.16	+01.94	+11.53	+02.61	-01.20	+01.02	+03.60	+00.72
	+003.4	+004.4	+000.7	0095					
4	-03.54	+02.28	+01.89	+12.55	+03.48	-01.42	+00.79	+03.68	+00.85
	+003.1	+002.8	+000.8	0096					
5	-03.06	+02.42	+01.84	+13.15	+04.50	-01.54	+00.94	+03.67	+00.79
	+002.9	+001.9	+000.7	0096					
6	-02.60	+02.59	+01.79	+13.56	+05.78	-01.90	+01.26	+04.79	+01.08
	+003.5	+001.8	+000.9	0094					
7	-01.78	+02.98	+01.67	+17.25	+04.52	-01.56	+01.49	+05.51	+01.54
	+003.5	+002.1	+001.0	0096					
8	-01.02	+03.22	+01.59	+20.12	+03.24	-01.28	+01.32	+07.19	+01.73
	+004.0	+005.4	+001.0	0094					
9	-00.52	+03.33	+01.56	+21.28	+01.18	-00.83	+01.77	+07.96	+01.89
	+004.3	+027.9	+001.0	0096					
10	+00.29	+03.34	+01.54	+21.35	-03.37	+00.49	+01.74	+07.58	+01.88
	+004.0	+003.9	+001.0	0094					
11	+00.98	+03.19	+01.58	+20.47	-10.34	+02.44	+01.92	+08.60	+02.12
	+003.9	+001.3	+001.2	0094					
12	+01.59	+02.83	+01.65	+18.01	-12.14	+03.43	+01.89	+09.06	+02.40
	+004.0	+001.2	+001.5	0095					
13	+02.11	+02.39	+01.76	+14.35	-15.44	+06.36	+02.01	+10.22	+02.59
	+003.8	+001.6	+001.8	0096					
14	+02.42	+01.98	+01.95	+11.07	-19.09	+08.38	+01.97	+12.81	+03.37
	+003.4	+001.7	+002.4	0096					
15	+02.66	+01.47	+02.19	+07.90	-21.38	+10.62	+02.53	+18.17	+05.00
	+003.4	+002.3	+003.1	0095					
16	+02.82	+00.81	+02.53	+02.63	-15.42	+13.68	+04.18	+25.91	+05.90
	+004.3	+007.8	+003.5	0095					
17	+02.83	+00.15	+03.04	-02.36	-11.68	+16.05	+03.77	+29.43	+06.55
	+005.2	+009.3	+002.2	0180					
18	+02.47	-00.60	+03.66	-06.43	+01.73	+25.08	+04.71	+34.78	+08.64
	+035.8	+009.8	+001.4	0262					
19	+02.11	-00.50	+04.14	-09.88	+15.45	+38.58	+04.14	+37.28	+07.58
	+009.3	+007.7	+001.0	0175					

```
----------------------------------------------------------------
FILE:SL020

No.  Xcm    Ycm    Zcm    Um/s   Vm/s    Wm/s    Su      Sv      Sw
     DELxy  DELyz  DELzx  Navg
----------------------------------------------------------------
 1   -05.00 +02.52 +02.00 +12.60 +01.36 -00.73 +00.62 +02.99 +00.53
     +002.7 +008.4 +000.5 0098
----------------------------------------------------------------
 2   -04.50 +02.57 +01.98 +12.44 +02.21 -01.11 +00.79 +03.97 +00.73
     +003.5 +006.6 +000.7 0095
----------------------------------------------------------------
 3   -04.01 +02.66 +01.94 +12.35 +03.25 -01.29 +00.94 +04.03 +00.79
     +003.5 +003.5 +000.7 0096
----------------------------------------------------------------
 4   -03.54 +02.79 +01.89 +13.01 +03.73 -01.40 +00.92 +04.12 +00.85
     +003.4 +002.9 +000.7 0096
----------------------------------------------------------------
 5   -03.06 +02.94 +01.85 +13.93 +04.07 -01.44 +00.84 +04.92 +00.84
     +003.7 +003.2 +000.7 0097
----------------------------------------------------------------
 6   -02.59 +03.09 +01.80 +15.22 +03.34 -01.33 +00.89 +05.21 +00.78
     +003.8 +004.9 +000.6 0094
----------------------------------------------------------------
 7   -01.49 +03.34 +01.69 +18.04 +02.97 -01.17 +01.08 +05.41 +01.25
     +003.4 +004.6 +000.8 0096
----------------------------------------------------------------
 8   -00.94 +03.44 +01.66 +20.85 +03.47 -01.27 +01.22 +06.07 +01.30
     +003.2 +004.3 +000.7 0097
----------------------------------------------------------------
 9   -00.04 +03.57 +01.62 +21.63 -02.06 -00.04 +01.55 +05.70 +01.44
     +003.0 +008.6 +000.8 0096
----------------------------------------------------------------
10   +00.83 +03.48 +01.62 +21.05 -06.07 +01.28 +01.83 +05.04 +01.23
     +002.6 +001.3 +000.7 0095
----------------------------------------------------------------
11   +01.56 +03.25 +01.68 +18.36 -11.21 +02.79 +01.72 +06.51 +01.44
     +003.0 +001.0 +000.9 0095
----------------------------------------------------------------
12   +02.15 +02.84 +01.77 +15.55 -11.33 +04.29 +01.73 +06.87 +01.54
     +003.3 +001.5 +001.1 0096
----------------------------------------------------------------
13   +02.66 +02.40 +01.91 +12.37 -11.67 +05.59 +01.40 +06.91 +01.60
     +003.5 +001.8 +001.3 0094
----------------------------------------------------------------
14   +03.10 +01.88 +02.10 +09.13 -10.05 +05.67 +01.60 +09.57 +02.04
     +005.5 +003.6 +002.0 0096
----------------------------------------------------------------
15   +03.45 +01.41 +02.35 +07.15 -09.47 +05.26 +01.35 +09.90 +02.40
     +005.9 +003.6 +002.7 0094
----------------------------------------------------------------
16   +03.78 +00.92 +02.62 +04.93 -05.63 +04.61 +01.73 +09.98 +02.50
     +008.5 +006.5 +003.0 0172
----------------------------------------------------------------
17   +04.18 +00.42 +02.98 +04.03 -02.78 +03.70 +01.62 +10.12 +02.28
     +009.3 +008.4 +001.9 0509
----------------------------------------------------------------
18   +04.56 -00.04 +03.41 +04.00 +00.22 +03.97 +01.23 +09.89 +01.94
     +009.9 +010.1 +001.2 0851
----------------------------------------------------------------
19   +04.89 +00.01 +03.79 +04.78 -00.83 +04.33 +01.22 +09.84 +01.79
     +009.7 +010.7 +001.2 0595
----------------------------------------------------------------
20   +05.57 -00.03 +04.65 +05.47 -01.19 +04.97 +01.20 +08.06 +01.54
     +009.0 +009.6 +001.3 0336
```

```
-------------------------------------------------------------------------
21   +06.23   +00.04   +05.49   +05.87   +00.44   +05.23   +01.05   +07.25   +01.31
     +009.4   +010.7   +001.3   0252
-------------------------------------------------------------------------
22   +06.77   +00.20   +06.10   +05.76   -00.57   +05.51   +01.01   +07.15   +01.39
     +009.4   +009.6   +001.3   0252
-------------------------------------------------------------------------
23   +07.26   +00.18   +06.66   +05.75   -00.92   +05.71   +01.06   +07.20   +01.19
     +009.4   +009.6   +001.2   0247
-------------------------------------------------------------------------
24   +07.88   +00.11   +07.37   +05.72   -03.65   +06.37   +01.46   +08.03   +01.97
     +011.7   +009.7   +002.3   0095
-------------------------------------------------------------------------
25   +08.42   -00.29   +07.99   +05.73   +00.93   +06.25   +01.13   +06.64   +01.15
     +009.4   +009.0   +001.1   0252
-------------------------------------------------------------------------
26   +08.92   -00.32   +08.57   +05.88   +01.64   +05.99   +01.09   +06.61   +01.10
     +007.8   +008.2   +001.0   0253
-------------------------------------------------------------------------
27   +09.35   -00.20   +09.06   +05.94   +00.20   +05.86   +00.96   +06.99   +01.22
     +008.8   +009.2   +001.1   0251
-------------------------------------------------------------------------
28   +10.01   -00.07   +09.83   +05.85   -00.25   +06.01   +00.95   +06.88   +01.18
     +009.1   +009.0   +001.1   0246
-------------------------------------------------------------------------
29   +10.51   +00.10   +10.40   +05.72   -00.42   +06.19   +01.09   +06.93   +01.36
     +009.6   +008.7   +001.2   0255
-------------------------------------------------------------------------
30   +10.94   +00.09   +10.90   +05.52   -00.24   +06.30   +01.14   +07.07   +01.27
     +010.2   +009.0   +001.3   0250
-------------------------------------------------------------------------
31   +11.37   +00.06   +11.43   +05.71   +00.78   +06.16   +00.97   +06.22   +01.04
     +008.6   +008.4   +001.1   0242
-------------------------------------------------------------------------
32   +11.92   +00.11   +12.12   +05.78   -00.24   +06.14   +00.94   +06.70   +01.17
     +008.8   +008.4   +001.0   0256
-------------------------------------------------------------------------
33   +12.43   -00.02   +12.79   +05.57   -00.66   +06.52   +01.17   +06.74   +01.14
     +009.3   +008.3   +001.1   0249
-------------------------------------------------------------------------
34   +12.83   -00.08   +13.33   +05.30   +00.00   +06.43   +01.12   +06.83   +01.31
     +012.1   +010.1   +001.4   0168
-------------------------------------------------------------------------
35   +13.29   -00.15   +14.00   +05.31   -00.18   +06.70   +01.17   +07.08   +01.40
     +010.5   +008.6   +001.2   0252
-------------------------------------------------------------------------
36   +13.62   -00.17   +14.48   +05.20   -00.43   +06.91   +01.04   +06.77   +01.17
     +013.0   +010.0   +001.3   0164
-------------------------------------------------------------------------
37   +13.88   -00.19   +14.91   +05.73   -01.04   +06.78   +01.21   +06.20   +01.11
     +010.2   +008.4   +001.4   0171
-------------------------------------------------------------------------
38   +14.12   -00.27   +15.40   +05.33   +00.31   +06.90   +01.12   +06.12   +01.20
     +011.8   +008.9   +001.3   0165
-------------------------------------------------------------------------
```

```
----------------------------------------------------------------------
FILE:SL021

No.   Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy   DELyz   DELzx   Navg
----------------------------------------------------------------------
 1   -05.00  +03.01  +02.00  +12.80  +01.45  -00.76  +00.52  +02.53  +00.47
     +002.2  +006.5  +000.4  0095
----------------------------------------------------------------------
 2   -04.50  +03.07  +01.97  +12.87  +01.44  -00.68  +00.86  +03.29  +00.68
     +002.9  +007.3  +000.6  0097
----------------------------------------------------------------------
 3   -04.01  +03.12  +01.95  +13.45  +02.28  -00.83  +00.86  +03.62  +00.74
     +003.0  +004.0  +000.6  0095
----------------------------------------------------------------------
 4   -03.52  +03.21  +01.92  +14.12  +02.19  -00.91  +00.75  +02.98  +00.62
     +002.4  +003.9  +000.5  0095
----------------------------------------------------------------------
 5   -03.04  +03.29  +01.89  +14.21  +02.08  -01.01  +01.01  +03.69  +00.71
     +002.9  +006.2  +000.6  0094
----------------------------------------------------------------------
 6   -02.55  +03.37  +01.86  +15.73  +03.32  -01.15  +00.93  +03.44  +00.71
     +002.4  +002.5  +000.5  0096
----------------------------------------------------------------------
 7   -01.45  +03.60  +01.77  +17.77  +03.90  -01.44  +01.15  +05.39  +01.20
     +003.3  +003.4  +000.8  0096
----------------------------------------------------------------------
 8   -00.78  +03.77  +01.72  +19.52  +01.54  -00.88  +01.88  +05.12  +01.10
     +003.0  +012.5  +000.6  0096
----------------------------------------------------------------------
 9   +00.17  +03.88  +01.67  +20.78  -02.01  +00.28  +01.55  +04.83  +00.96
     +002.6  +003.6  +000.5  0098
----------------------------------------------------------------------
10   +00.75  +03.82  +01.68  +19.22  -06.71  +01.38  +01.48  +05.06  +01.09
     +002.7  +001.2  +000.7  0096
----------------------------------------------------------------------
11   +01.46  +03.53  +01.74  +18.67  -07.43  +02.08  +01.72  +06.08  +01.36
     +003.2  +001.5  +000.8  0097
----------------------------------------------------------------------
12   +02.07  +03.21  +01.81  +16.71  -10.23  +03.62  +01.48  +06.47  +01.39
     +003.2  +001.5  +000.9  0095
----------------------------------------------------------------------
13   +02.60  +02.79  +01.93  +14.09  -13.05  +05.22  +01.57  +07.24  +01.59
     +003.2  +001.5  +001.2  0097
----------------------------------------------------------------------
14   +03.01  +02.36  +02.08  +12.00  -11.11  +05.75  +01.54  +07.43  +01.55
     +003.9  +002.3  +001.3  0096
----------------------------------------------------------------------
15   +03.47  +01.85  +02.30  +08.96  -08.78  +05.37  +01.62  +08.17  +02.12
     +005.5  +003.2  +002.2  0094
----------------------------------------------------------------------
16   +04.03  +01.13  +02.69  +06.12  -06.75  +04.66  +01.56  +10.77  +02.35
     +009.2  +006.8  +003.1  0094
----------------------------------------------------------------------
17   +04.40  +00.69  +02.97  +05.11  -03.52  +03.49  +01.60  +09.81  +02.00
     +009.5  +008.6  +002.4  0260
----------------------------------------------------------------------
18   +04.86  +00.17  +03.34  +04.89  -01.61  +03.24  +01.35  +08.20  +01.50
     +009.8  +012.7  +001.7  0336
----------------------------------------------------------------------
19   +05.35  -00.12  +03.70  +05.57  -01.37  +03.58  +01.34  +08.98  +01.76
     +009.4  +013.0  +001.6  0348
----------------------------------------------------------------------
20   +05.87  -00.22  +04.07  +06.21  +00.67  +03.39  +01.20  +09.14  +01.75
     +009.4  +018.0  +001.5  0341
```

```
----------------------------------------------------------------------
21   +06.57  -00.08  +04.47  +06.65  -01.45  +03.48  +01.17  +07.59  +01.43
     +008.8  +014.4  +001.5  0253
----------------------------------------------------------------------
22   +07.20  -00.03  +04.78  +07.23  -00.32  +03.62  +01.18  +06.94  +01.38
     +009.3  +017.7  +001.8  0169
----------------------------------------------------------------------
23   +07.74  +00.05  +05.03  +07.79  -00.66  +03.54  +01.14  +08.10  +01.50
     +009.0  +019.3  +001.7  0173
----------------------------------------------------------------------
24   +08.25  +00.01  +05.24  +07.07  -00.38  +02.88  +01.10  +06.26  +01.09
     +008.7  +020.6  +001.5  0170
----------------------------------------------------------------------
25   +08.87  -00.03  +05.45  +07.44  -00.45  +03.44  +01.25  +06.50  +01.26
     +008.7  +018.5  +001.5  0172
----------------------------------------------------------------------
26   +09.56  -00.13  +05.69  +07.62  -00.60  +03.06  +01.23  +06.18  +01.18
     +007.9  +018.4  +001.5  0167
----------------------------------------------------------------------
27   +10.18  -00.21  +05.89  +07.76  -00.26  +02.96  +01.20  +06.54  +01.17
     +008.9  +023.4  +001.5  0169
----------------------------------------------------------------------
28   +10.74  -00.24  +06.07  +07.91  -00.76  +02.75  +01.15  +06.40  +01.09
     +007.8  +020.2  +001.4  0171
----------------------------------------------------------------------
29   +11.21  -00.27  +06.22  +08.16  +00.97  +02.29  +01.63  +07.35  +01.39
     +010.2  +033.1  +001.9  0096
----------------------------------------------------------------------
30   +11.90  -00.15  +06.35  +08.33  -00.51  +02.57  +01.38  +07.16  +01.30
     +009.9  +030.2  +001.7  0095
----------------------------------------------------------------------
31   +12.54  -00.08  +06.46  +08.22  +00.18  +02.34  +01.28  +06.89  +01.37
     +009.6  +034.1  +001.8  0094
----------------------------------------------------------------------
32   +13.10  -00.01  +06.55  +08.62  +01.36  +02.03  +01.17  +07.10  +01.28
     +009.2  +030.6  +001.7  0094
----------------------------------------------------------------------
33   +13.67  +00.13  +06.61  +08.52  -00.84  +02.36  +01.22  +05.67  +01.07
     +006.7  +020.6  +001.4  0171
----------------------------------------------------------------------
34   +14.27  +00.14  +06.69  +08.38  -00.43  +02.04  +01.12  +06.01  +01.00
     +006.7  +025.9  +001.3  0172
----------------------------------------------------------------------
```

FILE:SL022

| No. | Xcm | Ycm | Zcm | Um/s | Vm/s | Wm/s | Su | Sv | Sw |
	DELxy	DELyz	DELzx	Navg					
1	-05.00	+04.00	+02.00	+13.26	+01.19	-00.67	+00.90	+03.02	+00.66
	+002.7	+009.4	+000.6	0094					
2	-04.50	+04.04	+01.98	+14.00	+01.74	-00.77	+00.71	+02.77	+00.48
	+002.2	+005.3	+000.4	0097					
3	-04.01	+04.12	+01.95	+14.31	+02.08	-00.77	+00.96	+03.14	+00.52
	+002.5	+004.3	+000.4	0096					
4	-03.52	+04.22	+01.93	+14.82	+01.63	-00.88	+00.79	+03.09	+00.62
	+002.4	+006.9	+000.5	0096					
5	-03.03	+04.29	+01.91	+15.40	+02.01	-00.80	+01.04	+04.04	+00.81
	+002.9	+005.7	+000.6	0095					
6	-02.54	+04.36	+01.88	+16.55	+01.98	-00.84	+00.79	+03.07	+00.46
	+002.1	+005.3	+000.3	0095					
7	-01.67	+04.46	+01.84	+17.37	+01.95	-00.82	+01.25	+03.94	+00.84
	+002.6	+005.7	+000.6	0096					
8	-01.11	+04.53	+01.81	+18.29	-00.56	-00.40	+01.16	+03.76	+00.85
	+002.4	+046.1	+000.5	0097					
9	-00.10	+04.48	+01.79	+19.56	-02.65	+00.19	+01.18	+03.25	+00.75
	+001.9	+002.5	+000.4	0096					
10	+00.72	+04.35	+01.81	+19.98	-04.34	+00.87	+01.07	+04.89	+00.97
	+002.7	+001.8	+000.6	0096					
11	+01.47	+04.18	+01.84	+18.64	-07.36	+01.77	+01.38	+05.09	+01.09
	+002.7	+001.2	+000.7	0097					
12	+02.17	+03.85	+01.91	+16.45	-08.69	+02.93	+01.28	+05.48	+01.03
	+003.0	+001.6	+000.7	0096					
13	+02.78	+03.47	+02.02	+14.35	-07.61	+03.78	+01.46	+05.62	+01.30
	+003.5	+002.3	+001.0	0096					
14	+03.37	+03.09	+02.18	+13.71	-08.45	+04.44	+01.24	+06.32	+01.41
	+003.8	+002.5	+001.1	0097					
15	+03.91	+02.72	+02.36	+10.94	-08.72	+04.61	+01.40	+06.58	+01.49
	+004.3	+002.6	+001.4	0096					
16	+04.48	+02.21	+02.63	+09.78	-07.08	+04.84	+01.37	+07.42	+01.65
	+005.8	+004.3	+001.7	0095					
17	+05.12	+01.65	+03.00	+08.49	-06.18	+04.31	+01.53	+09.43	+02.25
	+008.4	+006.2	+002.5	0095					
18	+05.74	+01.07	+03.37	+07.09	-04.36	+03.65	+01.28	+06.76	+01.50
	+006.8	+006.1	+001.9	0170					
19	+06.29	+00.62	+03.68	+06.63	-03.50	+03.24	+01.53	+06.75	+01.48
	+008.4	+008.3	+002.1	0170					
20	+06.78	+00.26	+03.92	+06.66	-01.74	+03.13	+01.42	+07.60	+01.55
	+008.6	+013.2	+001.8	0258					

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-----------------------------------------------------------------------------------------------
21    +07.46   -00.02   +04.23   +07.09   -00.22   +02.67   +01.46   +08.02   +01.48
      +009.0   +023.4   +001.7   0260
-----------------------------------------------------------------------------------------------
22    +08.23   +00.02   +04.48   +07.73   +00.51   +02.46   +01.34   +06.56   +01.34
      +008.0   +025.2   +001.6   0169
-----------------------------------------------------------------------------------------------
23    +08.91   +00.18   +04.64   +07.47   -01.84   +02.87   +01.28   +06.94   +01.43
      +008.6   +014.8   +001.8   0170
-----------------------------------------------------------------------------------------------
24    +09.52   +00.16   +04.83   +08.20   -01.47   +02.69   +01.29   +07.33   +01.35
      +008.2   +018.8   +001.5   0172
-----------------------------------------------------------------------------------------------
25    +10.05   +00.13   +04.97   +08.28   -01.03   +02.56   +01.41   +06.85   +01.15
      +008.1   +021.4   +001.6   0168
-----------------------------------------------------------------------------------------------
26    +10.58   +00.06   +05.11   +08.48   -01.10   +02.33   +01.75   +07.52   +01.41
      +010.1   +028.7   +001.9   0093
-----------------------------------------------------------------------------------------------
27    +11.21   -00.12   +05.25   +08.30   -00.79   +02.27   +01.27   +06.56   +01.07
      +007.3   +023.1   +001.3   0174
-----------------------------------------------------------------------------------------------
28    +11.82   -00.27   +05.36   +08.33   -00.89   +02.00   +01.60   +07.46   +01.48
      +010.2   +034.2   +002.0   0093
-----------------------------------------------------------------------------------------------
29    +12.37   -00.36   +05.45   +08.54   +00.25   +01.82   +01.41   +07.48   +01.48
      +010.0   +046.9   +001.9   0096
-----------------------------------------------------------------------------------------------
30    +12.90   -00.36   +05.52   +08.21   +00.68   +01.59   +01.30   +06.52   +01.04
      +007.0   +033.4   +001.2   0173
-----------------------------------------------------------------------------------------------
31    +13.53   -00.26   +05.55   +08.21   -01.12   +02.01   +01.59   +06.98   +01.42
      +009.6   +028.1   +002.0   0095
-----------------------------------------------------------------------------------------------
32    +14.13   -00.18   +05.59   +08.46   -00.47   +01.35   +01.79   +07.44   +01.55
      +010.2   +053.5   +002.1   0095
-----------------------------------------------------------------------------------------------
```

```
-----------------------------------------------------------------------------
FILE:SL023

No.   Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy   DELyz   DELzx   Navg
-----------------------------------------------------------------------------
 1   -05.01  +05.00  +02.01  +10.14  +00.98  -00.34  +00.99  +03.64  +00.59
     +002.9  +007.2  +000.5  0190
-----------------------------------------------------------------------------
 2   -04.51  +05.05  +01.99  +13.82  +00.65  -00.52  +00.74  +02.87  +00.47
     +001.7  +015.2  +000.3  0193
-----------------------------------------------------------------------------
 3   -04.01  +05.08  +01.97  +14.72  +00.88  -00.63  +00.71  +03.14  +00.62
     +001.7  +011.4  +000.3  0190
-----------------------------------------------------------------------------
 4   -03.52  +05.12  +01.95  +15.10  +00.91  -00.63  +00.74  +02.86  +00.50
     +001.5  +009.9  +000.3  0194
-----------------------------------------------------------------------------
 5   -03.03  +05.15  +01.94  +15.60  +01.31  -00.70  +00.83  +03.35  +00.66
     +001.7  +006.7  +000.3  0189
-----------------------------------------------------------------------------
 6   -02.53  +05.19  +01.92  +16.16  +00.96  -00.61  +00.72  +03.25  +00.57
     +001.6  +010.3  +000.3  0192
-----------------------------------------------------------------------------
 7   -01.50  +05.25  +01.87  +17.44  +00.14  -00.35  +00.83  +02.99  +00.56
     +001.4  +057.1  +000.3  0194
-----------------------------------------------------------------------------
 8   -00.97  +05.27  +01.86  +17.71  -01.15  -00.18  +01.06  +03.69  +00.85
     +001.7  +009.3  +000.4  0190
-----------------------------------------------------------------------------
 9   -00.05  +05.22  +01.86  +18.09  -02.46  +00.09  +01.19  +03.92  +00.84
     +001.7  +002.4  +000.4  0188
-----------------------------------------------------------------------------
10   +00.77  +05.09  +01.87  +18.12  -03.52  +00.60  +01.22  +03.49  +00.67
     +001.5  +001.1  +000.3  0191
-----------------------------------------------------------------------------
11   +01.53  +04.93  +01.89  +17.28  -05.94  +01.41  +01.12  +03.87  +00.79
     +001.6  +000.8  +000.4  0192
-----------------------------------------------------------------------------
12   +02.24  +04.66  +01.95  +17.06  -06.07  +01.88  +01.22  +04.38  +00.89
     +001.8  +001.1  +000.4  0193
-----------------------------------------------------------------------------
13   +02.92  +04.38  +02.03  +15.36  -07.32  +02.67  +01.12  +04.56  +00.94
     +002.0  +001.1  +000.5  0191
-----------------------------------------------------------------------------
14   +03.57  +04.02  +02.15  +14.48  -06.98  +03.16  +01.08  +05.67  +01.04
     +002.6  +001.9  +000.6  0191
-----------------------------------------------------------------------------
15   +04.20  +03.68  +02.29  +12.48  -06.16  +03.35  +01.12  +06.84  +01.28
     +003.6  +003.0  +000.8  0191
-----------------------------------------------------------------------------
16   +04.79  +03.35  +02.46  +11.83  -07.28  +03.81  +01.30  +06.24  +01.39
     +003.1  +002.1  +000.9  0193
-----------------------------------------------------------------------------
17   +05.36  +02.97  +02.65  +10.31  -06.53  +04.01  +01.57  +06.84  +01.35
     +003.8  +003.0  +001.0  0193
-----------------------------------------------------------------------------
18   +06.02  +02.53  +02.91  +09.95  -05.29  +03.81  +01.71  +07.29  +01.64
     +004.7  +004.1  +001.3  0191
-----------------------------------------------------------------------------
19   +06.75  +02.03  +03.23  +09.47  -04.53  +03.16  +01.77  +07.34  +01.76
     +005.1  +004.7  +001.4  0190
-----------------------------------------------------------------------------
20   +07.37  +01.66  +03.45  +09.05  -03.66  +02.61  +01.74  +08.50  +02.07
     +006.6  +006.7  +001.8  0190
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----------------------------------------------------------------------------
21   +07.86   +01.48   +03.60   +08.52   -03.32   +02.42   +01.83   +07.64   +01 74
     +006.3   +006.9   +001.6   0191
----------------------------------------------------------------------------
22   +08.44   +01.20   +03.75   +08.03   -02.22   +02.07   +01.78   +07.66   +01.75
     +007.3   +011.6   +001.7   0189
----------------------------------------------------------------------------
23   +09.15   +00.95   +03.87   +08.65   -01.86   +01.96   +02.00   +08.60   +01.99
     +007.8   +015.7   +001.8   0188
----------------------------------------------------------------------------
24   +09.83   +00.82   +03.95   +07.81   -02.05   +01.66   +01.92   +07.61   +01.60
     +007.4   +012.3   +001.7   0189
----------------------------------------------------------------------------
25   +10.46   +00.68   +04.04   +07.63   -01.96   +01.73   +01.74   +08.47   +01.95
     +008.5   +014.2   +002.0   0188
----------------------------------------------------------------------------
26   +11.10   +00.54   +04.15   +08.11   -01.26   +01.50   +01.69   +07.42   +01.57
     +007.3   +020.9   +001.6   0188
----------------------------------------------------------------------------
27   +11.60   +00.46   +04.22   +08.02   -01.58   +01.36   +01.80   +07.56   +01.64
     +007.5   +016.0   +001.6   0188
----------------------------------------------------------------------------
28   +12.38   +00.27   +04.32   +08.02   -01.32   +01.27   +01.87   +08.43   +01.91
     +008.3   +021.9   +001.9   0189
----------------------------------------------------------------------------
29   +12.97   +00.17   +04.39   +08.40   +00.85   +00.74   +01.87   +08.11   +01.69
     +007.8   +046.1   +001.6   0189
----------------------------------------------------------------------------
30   +13.71   +00.23   +04.40   +08.12   +00.39   +00.78   +01.67   +08.40   +01.86
     +008.5   +077.3   +001.9   0186
----------------------------------------------------------------------------
31   +14.41   +00.33   +04.40   +08.59   -00.29   +00.75   +01.59   +07.76   +01.64
     +007.4   +069.8   +001.6   0188
----------------------------------------------------------------------------
```

No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	-05.00 +001.9	+07.02 +071.5	+02.00 +000.4	+13.54 0095	+00.10	-00.32	+00.66	+02.29	+00.42
2	-04.50 +001.8	+07.03 +025.8	+01.99 +000.3	+13.64 0092	-00.53	-00.32	+00.66	+02.10	+00.38
3	-04.00 +001.8	+07.03 +034.6	+01.98 +000.3	+14.11 0095	-00.43	-00.37	+00.70	+02.22	+00.40
4	-03.51 +001.9	+07.04 +036.7	+01.97 +000.4	+14.06 0095	+00.29	-00.49	+00.77	+02.31	+00.45
5	-03.01 +001.8	+07.06 +047.2	+01.96 +000.4	+14.77 0095	-00.33	-00.34	+00.75	+02.35	+00.46
6	-02.52 +002.3	+07.07 +006.9	+01.95 +000.4	+14.85 0096	-01.33	-00.19	+00.87	+02.99	+00.46
7	-01.63 +001.7	+06.98 +004.8	+01.93 +000.4	+15.50 0095	-01.54	-00.14	+00.79	+02.25	+00.47
8	-01.14 +001.8	+06.94 +006.1	+01.93 +000.3	+15.75 0096	-01.17	-00.08	+00.76	+02.43	+00.48
9	-00.33 +002.1	+06.87 +002.5	+01.93 +000.4	+15.58 0096	-01.93	+00.06	+00.98	+02.96	+00.48
10	+00.35 +001.7	+06.77 +001.7	+01.94 +000.4	+15.95 0094	-02.86	+00.20	+00.92	+02.44	+00.55
11	+01.20 +002.3	+06.60 +001.4	+01.95 +000.4	+16.22 0095	-03.37	+00.51	+00.85	+03.37	+00.58
12	+01.87 +002.3	+06.44 +001.1	+01.97 +000.4	+15.90 0097	-04.57	+00.84	+00.87	+03.41	+00.55
13	+02.64 +002.1	+06.20 +001.2	+02.00 +000.4	+15.34 0094	-04.54	+00.99	+01.04	+03.05	+00.50
14	+03.40 +002.4	+05.95 +001.3	+02.05 +000.5	+14.17 0095	-05.06	+01.40	+01.15	+03.25	+00.65
15	+04.13 +002.9	+05.68 +002.2	+02.12 +000.6	+13.77 0097	-04.88	+01.75	+01.07	+03.95	+00 70
16	+04.85 +002.6	+05.43 +001.8	+02.21 +000.5	+13.27 0096	-05.37	+02.12	+01.02	+03.39	+00.62
17	+05.58 +003.2	+05.11 +002.0	+02.33 +000.8	+12.27 0095	-05.61	+02.33	+01.09	+03 99	+00.85
18	+06.30 +003.5	+04.75 +002.2	+02.48 +000.9	+12.00 0097	-06.31	+02.72	+01.03	+04.78	+01.01
19	+06.99 +004.3	+04.36 +003.5	+02.64 +001.1	+10.90 0096	-05.13	+02.73	+01.25	+05.03	+01.07
20	+07.68 +004.4	+04.01 +004.5	+02.82 +001.0	+10.85 0096	-04.42	+02.79	+01.18	+04.83	+00.97

21	+08.32	+03.74	+02.99	+10.59	-03.93	+02.57	+01.41	+04.91	+01.04
	+004.7	+005.2	+001.1	0095					
22	+08.89	+03.54	+03.13	+10.50	-04.54	+02.55	+01.27	+05.40	+01 24
	+005.0	+004.2	+001.3	0096					
23	+09.45	+03.31	+03.26	+10.06	-03.63	+02.22	+01.44	+05.19	+01.37
	+005.3	+004.9	+001.5	0095					
24	+10.23	+03.02	+03.41	+10.04	-02.59	+01.84	+01.67	+05.64	+01.55
	+006.1	+008.1	+001.7	0095					
25	+10.99	+02.77	+03.51	+09.10	-04.09	+01.91	+01.46	+06.36	+01.65
	+006.7	+004.3	+002.0	0094					
26	+11.54	+02.49	+03.61	+09.51	-02.27	+01.31	+01.96	+06.00	+01.35
	+006.9	+009.9	+001.6	0094					
27	+12.28	+02.30	+03.67	+09.18	-01.96	+01.27	+01.45	+06.19	+01.60
	+007.4	+011.7	+002.0	0095					
28	+13.00	+02.09	+03.72	+08.70	-03.30	+01.25	+01.69	+06.27	+01.62
	+007.3	+004.1	+002.1	0095					
29	+13.51	+01.90	+03.76	+09.28	-03.60	+01.23	+01.78	+06.22	+01.62
	+006.8	+003.4	+002.0	0093					
30	+14.21	+01.55	+03.80	+08.67	-03.22	+00.74	+01.42	+07.33	+02.04
	+008.6	+003.4	+002.7	0095					

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------------------------------------------------------------------------
FILE:SL025

No.   Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy   DELyz   DELzx   Navg
------------------------------------------------------------------------
 1    -00.01  +00.00  +05.01  -01.73  +07.28  +81.68  +02.93  +13.89  +04.23
      +006.5  +002.0  +000.4  0094
------------------------------------------------------------------------
 2    -00.03  +00.09  +06.00  -01.96  +08.20  +80.33  +02.30  +16.25  +04.02
      +005.9  +002.4  +000.3  0094
------------------------------------------------------------------------
 3    -00.04  +00.22  +06.99  -00.96  +12.24  +79.37  +03.20  +18.63  +05.27
      +003.3  +002.7  +000.5  0095
------------------------------------------------------------------------
 4    -00.05  +00.38  +07.97  +00.19  +08.85  +81.44  +02.76  +18.26  +04.98
      +003.6  +002.6  +000.4  0096
------------------------------------------------------------------------
 5    -00.04  +00.51  +08.96  -00.21  +08.77  +81.93  +02.20  +15.86  +04.16
      +002.9  +002.2  +000.3  0094
------------------------------------------------------------------------
 6    -00.05  +00.62  +09.95  +01.56  +15.60  +80.79  +03.58  +15.96  +03.85
      +002.9  +002.3  +000.5  0095
------------------------------------------------------------------------
 7    +00.06  +01.14  +12.76  +05.44  +10.60  +81.67  +05.11  +22.32  +04.97
      +010.9  +003.2  +000.7  0095
------------------------------------------------------------------------
 8    +00.28  +01.50  +15.23  +07.84  +13.77  +80.18  +07.10  +27.81  +06.35
      +011.0  +004.0  +001.0  0095
------------------------------------------------------------------------
 9    +00.52  +01.90  +17.36  +09.16  +16.23  +76.05  +06.78  +37.75  +07.98
      +012.2  +005.6  +001.0  0095
------------------------------------------------------------------------
10    +00.79  +02.34  +19.33  +10.04  +24.32  +70.26  +07.82  +37.51  +08.00
      +007.2  +005.7  +001.3  0095
------------------------------------------------------------------------
11    +01.18  +03.15  +21.65  +08.80  +24.34  +63.95  +08.55  +47.65  +09.68
      +008.1  +007.9  +001.5  0097
------------------------------------------------------------------------
```

```
-------------------------------------------------------------------------
FILE:SL026

No.   Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy   DELyz   DELzx   Navg

-------------------------------------------------------------------------
 1    -04.99  -05.98  +05.00  +12.53  -00.73  -01.01  +02.46  +02.77  +00.56
      +003.5  +032.7  +000.8  0047
-------------------------------------------------------------------------
 2    -04.59  -06.01  +04.97  +14.23  -00.35  -01.24  +00.88  +03.24  +00.74
      +003.7  +041.8  +000.9  0048
-------------------------------------------------------------------------
 3    -04.20  -06.02  +04.94  +14.65  -00.74  -01.03  +00.52  +02.95  +00.60
      +003.2  +033.9  +000.7  0048
-------------------------------------------------------------------------
 4    -03.81  -06.03  +04.92  +14.89  -00.97  -01.29  +00.79  +02.61  +00.65
      +002.9  +024.0  +000.7  0048
-------------------------------------------------------------------------
 5    -03.42  -06.06  +04.89  +15.41  -00.93  -01.28  +00.60  +02.90  +00.75
      +003.0  +028.2  +000.8  0047
-------------------------------------------------------------------------
 6    -03.03  -06.06  +04.86  +15.77  -00.91  -01.29  +00.76  +03.00  +00.72
      +003.1  +029.0  +000.8  0046
-------------------------------------------------------------------------
 7    -02.29  -06.07  +04.80  +16.42  -00.57  -01.12  +00.79  +03.19  +00.74
      +003.1  +039.7  +000.7  0049
-------------------------------------------------------------------------
 8    -01.62  -06.05  +04.76  +17.08  -00.25  -01.05  +00.82  +02.63  +00.74
      +002.5  +040.7  +000.7  0048
-------------------------------------------------------------------------
 9    -01.23  -06.04  +04.74  +17.78  -00.19  -01.15  +01.36  +03.39  +00.80
      +003.2  +048.5  +000.7  0047
-------------------------------------------------------------------------
10    -00.24  -06.05  +04.68  +19.08  +02.26  -00.99  +01.10  +03.35  +00.75
      +002.8  +006.2  +000.6  0047
-------------------------------------------------------------------------
11    +00.75  -05.92  +04.64  +19.40  +04.18  -00.34  +00.99  +03.49  +01.02
      +002.8  +003.0  +000.8  0049
-------------------------------------------------------------------------
12    +01.58  -05.73  +04.64  +19.23  +04.05  +00.89  +01.29  +03.25  +00.85
      +002.7  +005.8  +000.7  0047
-------------------------------------------------------------------------
13    +02.35  -05.55  +04.68  +18.78  +06.46  +01.45  +01.41  +03.21  +00.77
      +002.5  +003.4  +000.7  0047
-------------------------------------------------------------------------
14    +03.07  -05.27  +04.75  +17.26  +06.63  +02.75  +00.95  +03.38  +00.87
      +002.8  +004.6  +000.8  0047
-------------------------------------------------------------------------
15    +03.79  -04.95  +04.87  +15.46  +07.07  +03.53  +01.08  +04.21  +00.85
      +003.7  +005.0  +000.9  0048
-------------------------------------------------------------------------
16    +04.45  -04.63  +05.04  +14.15  +08.16  +03.99  +00.87  +03.77  +00.90
      +003.2  +004.2  +001.0  0048
-------------------------------------------------------------------------
17    +05.19  -04.17  +05.28  +12.42  +07.16  +04.98  +00.93  +04.91  +01.22
      +004.9  +006.8  +001.4  0048
-------------------------------------------------------------------------
18    +05.85  -03.78  +05.57  +10.91  +07.19  +05.19  +00.64  +04.64  +01.15
      +004.8  +006.5  +001.5  0048
-------------------------------------------------------------------------
19    +06.52  -03.32  +05.93  +09.39  +04.85  +05.71  +01.17  +05.84  +01.46
      +007.9  +011.3  +002.0  0048
-------------------------------------------------------------------------
20    +07.12  -02.96  +06.33  +08.92  +05.86  +05.88  +01.38  +05.50  +01.44
      +007.2  +009.5  +002.1  0047
```

```
---------------------------------------------------------------------------
21    +07.64   -02.61   +06.70   +08.50   +05.15   +06.01   +01.34   +05.64   +01.34
      +008.1   +010.3   +002.1   0046
---------------------------------------------------------------------------
22    +08.20   -02.23   +07.13   +07.87   +05.33   +05.99   +01.24   +06.20   +01.25
      +006.8   +008.3   +001.7   0088
---------------------------------------------------------------------------
23    +08.72   -01.87   +07.56   +07.21   +04.65   +05.99   +01.64   +05.99   +01.17
      +009.6   +011.3   +002.4   0048
---------------------------------------------------------------------------
24    +09.24   -01.53   +08.00   +07.08   +04.88   +05.76   +01.40   +06.69   +01.42
      +008.6   +010.2   +002.1   0089
---------------------------------------------------------------------------
25    +09.76   -01.14   +08.44   +06.97   +02.36   +05.79   +01.30   +07.31   +01.47
      +009.6   +011.9   +001.7   0130
---------------------------------------------------------------------------
26    +10.31   -00.92   +08.92   +06.60   +01.41   +05.98   +01.22   +05.70   +01.32
      +009.3   +011.2   +001.5   0126
---------------------------------------------------------------------------
27    +10.96   -00.80   +09.49   +06.25   +02.33   +05.75   +01.18   +07.10   +01.36
      +008.8   +010.0   +001.5   0209
---------------------------------------------------------------------------
28    +11.64   -00.59   +10.11   +06.25   +01.33   +05.89   +01.39   +06.04   +01.09
      +009.8   +010.9   +001.6   0158
---------------------------------------------------------------------------
29    +12.31   -00.49   +10.73   +06.09   +01.62   +06.00   +01.45   +06.19   +01.38
      +009.5   +010.1   +001.6   0165
---------------------------------------------------------------------------
30    +12.91   -00.33   +11.32   +06.33   +01.14   +05.53   +01.02   +06.34   +01.18
      +009.7   +011.4   +001.5   0163
---------------------------------------------------------------------------
31    +13.35   -00.22   +11.71   +06.38   +01.89   +05.66   +01.22   +06.69   +01.13
      +009.6   +011.3   +001.4   0165
---------------------------------------------------------------------------
32    +13.98   -00.03   +12.29   +06.55   +00.23   +05.87   +01.04   +06.35   +01.35
      +008.8   +010.1   +001.3   0199
---------------------------------------------------------------------------
33    +14.80   +00.02   +13.03   +06.42   +00.21   +05.52   +01.45   +06.38   +01.16
      +009.4   +011.2   +001.4   0208
---------------------------------------------------------------------------
```

No.	Xcm	Ycm	Zcm	Um/s	Vm/s	Wm/s	Su	Sv	Sw
	DELxy	DELyz	DELzx	Navg					
1	-04.99	-04.99	+04.99	+13.52	-01.35	-00.97	+00.44	+02.80	+00.79
	+003.4	+021.7	+001.0	0047					
2	-04.50	-05.04	+04.96	+13.92	-01.25	-01.30	+00.54	+02.23	+00.48
	+002.6	+016.8	+000.6	0047					
3	-04.01	-05.09	+04.92	+14.26	-01.75	-01.23	+00.51	+02.65	+00.64
	+003.0	+015.0	+000.7	0048					
4	-03.53	-05.16	+04.88	+14.98	-02.18	-01.37	+00.81	+02.48	+00.61
	+002.6	+011.1	+000.7	0048					
5	-03.04	-05.22	+04.84	+15.59	-01.90	-01.31	+00.54	+02.47	+00.57
	+002.6	+012.8	+000.6	0046					
6	-02.56	-05.29	+04.80	+16.11	-01.31	-01.46	+00.73	+03.07	+00.77
	+003.1	+022.5	+000.8	0047					
7	-01.57	-05.37	+04.72	+17.64	-01.58	-01.26	+00.82	+03.11	+00.69
	+002.8	+018.8	+000.6	0048					
8	-00.87	-05.42	+04.67	+19.04	+01.34	-01.25	+00.71	+02.72	+00.62
	+002.3	+013.6	+000.5	0048					
9	-00.01	-05.35	+04.63	+20.35	+01.92	-00.66	+01.30	+03.76	+01.00
	+003.0	+005.4	+000.8	0047					
10	+00.73	-05.25	+04.61	+20.05	+03.27	+00.27	+01.19	+03.66	+00.97
	+002.9	+006.1	+000.8	0048					
11	+01.44	-05.12	+04.63	+20.45	+05.57	+00.95	+02.31	+03.63	+01.00
	+002.8	+004.4	+000.8	0048					
12	+02.10	-04.92	+04.67	+19.26	+06.93	+01.84	+01.39	+04.03	+01.02
	+003.0	+004.4	+000.9	0048					
13	+02.77	-04.64	+04.74	+17.47	+07.91	+03.03	+01.24	+04.74	+01.08
	+003.7	+004.9	+001.0	0047					
14	+03.38	-04.32	+04.85	+15.23	+07.76	+03.81	+01.20	+04.90	+01.32
	+004.2	+006.0	+001.4	0048					
15	+03.97	-03.97	+05.01	+13.74	+08.54	+05.00	+00.96	+05.23	+01.34
	+004.5	+006.0	+001.4	0048					
16	+04.50	-03.60	+05.21	+11.86	+08.54	+05.52	+01.21	+05.43	+01.30
	+004.9	+006.1	+001.6	0049					
17	+05.09	-03.18	+05.51	+10.15	+06.69	+06.17	+00.90	+05.10	+01.16
	+005.7	+007.5	+001.5	0048					
18	+05.63	-02.78	+05.89	+08.97	+06.64	+06.54	+01.12	+05.88	+01.18
	+007.0	+008.3	+001.7	0048					
19	+06.09	-02.43	+06.28	+07.93	+05.04	+06.85	+01.47	+05.85	+01.40
	+008.6	+010.2	+002.2	0048					
20	+06.52	-02.13	+06.69	+06.80	+04.99	+07.29	+01.08	+06.11	+01.37
	+008.3	+009.3	+002.0	0087					

```
-----------------------------------------------------------------------
21    +07.06   -01.79   +07.23   +06.10   +04.27   +07.12   +01.28   +07.09   +01.67
      +008.1   +008.4   +001.7   0133
-----------------------------------------------------------------------
22    +07.54   -01.50   +07.77   +06.06   +05.12   +07.11   +01.60   +07.87   +01.47
      +009.0   +009.9   +002.2   0088
-----------------------------------------------------------------------
23    +07.97   -01.15   +08.27   +05.30   +04.55   +07.10   +01.27   +07.76   +01.53
      +008.9   +009.1   +001.8   0128
-----------------------------------------------------------------------
24    +08.26   -00.88   +08.68   +05.15   +03.13   +06.86   +01.29   +09.16   +01.78
      +010.7   +009.6   +001.4   0189
-----------------------------------------------------------------------
25    +08.71   -00.54   +09.32   +04.66   +03.79   +07.15   +01.76   +08.02   +01.67
      +008.7   +007.8   +001.6   0190
-----------------------------------------------------------------------
26    +09.03   -00.24   +09.85   +04.53   +01.69   +07.37   +01.57   +09.46   +01.76
      +014.8   +010.4   +001.5   0189
-----------------------------------------------------------------------
27    +09.39   -00.07   +10.50   +04.21   +01.05   +07.84   +01.23   +07.64   +01.50
      +011.7   +006.9   +001.1   0337
-----------------------------------------------------------------------
28    +09.74   +00.01   +11.17   +04.01   +01.48   +07.84   +01.53   +09.71   +01.80
      +017.4   +010.0   +001.5   0189
-----------------------------------------------------------------------
29    +10.05   +00.08   +11.81   +03.47   +00.31   +08.21   +01.63   +09.91   +02.05
      +023.0   +010.0   +001.6   0188
-----------------------------------------------------------------------
30    +10.30   +00.07   +12.42   +03.44   +01.49   +08.45   +01.55   +09.92   +01.91
      +019.8   +009.6   +001.4   0189
-----------------------------------------------------------------------
31    +10.51   +00.17   +12.96   +03.26   -00.08   +08.74   +01.56   +10.59   +02.09
      +026.5   +009.8   +001.4   0189
-----------------------------------------------------------------------
32    +10.67   +00.17   +13.43   +03.23   +01.14   +08.58   +01.82   +09.03   +01.90
      +020.6   +008.7   +001.6   0187
-----------------------------------------------------------------------
33    +10.91   +00.26   +14.16   +02.40   +00.26   +09.61   +01.70   +09.74   +02.12
      +032.5   +008.4   +001.4   0189
-----------------------------------------------------------------------
34    +11.05   +00.28   +14.82   +02.06   +00.49   +09.97   +01.85   +10.68   +02.34
      +040.3   +008.9   +001.5   0186
-----------------------------------------------------------------------
35    +11.18   +00.32   +15.58   +01.07   +00.31   +10.24   +01.79   +09.78   +02.05
      +068.2   +007.9   +001.4   0189
-----------------------------------------------------------------------
36    +11.21   +00.33   +16.17   +00.80   +00.46   +11.31   +01.98   +10.70   +02.53
      +082.8   +007.8   +001.4   0188
-----------------------------------------------------------------------
37    +11.23   +00.37   +16.88   -00.01   +00.61   +11.52   +01.54   +11.64   +02.45
      +020.8   +008.3   +001.1   0187
-----------------------------------------------------------------------
38    +11.20   +00.40   +17.37   -01.20   -01.38   +12.91   +02.03   +12.19   +02.60
      +036.4   +007.6   +001.3   0190
-----------------------------------------------------------------------
39    +11.14   +00.33   +18.03   -01.77   +00.84   +12.80   +01.86   +10.68   +02.36
      +040.8   +006.9   +001.2   0186
-----------------------------------------------------------------------
40    +11.02   +00.37   +18.76   -02.83   +00.37   +14.42   +02.26   +12.19   +02.79
      +034.6   +006.9   +001.3   0191
-----------------------------------------------------------------------
41    +10.90   +00.38   +19.33   -04.27   -00.30   +15.53   +02.59   +13.49   +03.22
      +025.8   +007.1   +001.3   0189
-----------------------------------------------------------------------
42    +10.72   +00.39   +19.96   -05.19   -01.43   +17.06   +02.46   +13.72   +03.06
      +028.5   +009.1   +001.6   0094
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-----------------------------------------------------------------------------
43   +10.49   +00.35   +20.66   -05.14   -01.04   +17.13   +02.70   +13.87   +02.80
     +029.9   +009.3   +001.7   0095
-----------------------------------------------------------------------------
44   +10.27   +00.32   +21.34   -06.97   +01.77   +17.52   +02.99   +13.58   +03.19
     +021.2   +009.1   +001.8   0095
-----------------------------------------------------------------------------
45   +10.05   +00.36   +21.92   -07.74   +01.44   +17.75   +02.79   +15.08   +03.84
     +021.6   +009.8   +001.8   0096
-----------------------------------------------------------------------------
46   +09.82   +00.42   +22.44   -07.57   +00.98   +18.50   +02.40   +12.96   +02.92
     +016.8   +007.1   +001.3   0171
-----------------------------------------------------------------------------
47   +09.53   +00.49   +23.15   -07.30   +02.76   +18.11   +02.79   +15.16   +03.12
     +017.1   +007.9   +001.4   0179
-----------------------------------------------------------------------------
48   +09.25   +00.65   +23.85   -07.40   +01.11   +18.68   +02.37   +15.47   +04.10
     +020.0   +008.0   +001.3   0175
-----------------------------------------------------------------------------
49   +09.06   +00.69   +24.35   -06.77   +05.84   +17.80   +02.31   +15.01   +03.12
     +012.1   +007.9   +001.3   0167
-----------------------------------------------------------------------------
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No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	-04.99 +003.2	-03.99 +014.7	+05.01 +000.9	+13.27 0047	-01.89	-01.39	+00.42	+02.69	+00.71
2	-04.60 +003.3	-04.04 +015.7	+04.96 +000.8	+13.49 0048	-01.75	-01.41	+00.61	+02.78	+00.69
3	-04.21 +003.2	-04.09 +018.3	+04.93 +000.8	+13.56 0048	-01.37	-01.56	+00.71	+02.63	+00.69
4	-03.83 +003.3	-04.14 +013.9	+04.89 +000.9	+13.81 0049	-02.10	-01.64	+00.60	+02.89	+00.76
5	-03.45 +003.2	-04.18 +008.8	+04.85 +000.7	+14.60 0047	-03.17	-01.66	+00.97	+03.08	+00.65
6	-03.07 +002.9	-04.26 +012.9	+04.81 +000.7	+15.01 0047	-02.07	-01.73	+00.92	+02.71	+00.65
7	-02.48 +003.8	-04.36 +016.0	+04.74 +001.0	+16.16 0047	-02.38	-01.83	+00.83	+03.87	+00.95
8	-02.03 +003.4	-04.42 +026.2	+04.70 +000.9	+17.69 0047	-00.42	-02.29	+00.89	+03.68	+00.98
9	-01.64 +003.5	-04.43 +009.7	+04.65 +000.9	+18.74 0048	-03.78	-01.48	+00.97	+04.27	+01.08
10	-01.07 +004.0	-04.52 +029.8	+04.61 +001.0	+20.46 0048	+01.02	-01.96	+00.95	+05.10	+01.33
11	-00.68 +004.5	-04.51 +042.0	+04.57 +001.3	+21.30 0049	+00.87	-01.45	+01.34	+05.98	+01.66
12	-00.09 +003.8	-04.46 +015.6	+04.54 +001.1	+23.12 0047	+01.75	-01.13	+01.62	+05.42	+01.47
13	+00.46 +004.4	-04.41 +005.6	+04.53 +001.4	+23.42 0048	+04.74	-00.29	+01.63	+06.67	+02.00
14	+00.98 +004.9	-04.29 +005.9	+04.53 +001.3	+23.91 0048	+05.92	+00.24	+01.61	+07.56	+01.91
15	+01.43 +004.3	-04.16 +006.2	+04.54 +001.1	+21.83 0049	+07.22	+01.86	+01.60	+06.46	+01.51
16	+01.92 +003.6	-03.96 +005.4	+04.58 +001.0	+21.32 0047	+08.44	+03.19	+01.98	+05.23	+01.36
17	+02.39 +004.2	-03.74 +006.0	+04.66 +001.4	+19.03 0048	+09.53	+04.55	+01.23	+06.11	+01.63
18	+02.85 +004.5	-03.50 +005.8	+04.78 +001.4	+16.08 0047	+09.73	+05.54	+01.45	+05.83	+01.45
19	+03.34 +003.5	-03.19 +003.6	+04.97 +001.7	+13.15 0047	+14.39	+06.00	+01.56	+05.89	+01.45
20	+03.86 +005.5	-02.80 +006.4	+05.19 +002.1	+10.39 0048	+11.68	+07.41	+01.22	+07.79	+01.79

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------------------------------------------------------------------------
21    +04.12  -02.46  +05.39  +08.48  +10.97  +08.18  +01.15  +07.34  +01.66
      +005.4  +006.6  +002.0  0047
------------------------------------------------------------------------
22    +04.34  -02.12  +05.62  +07.04  +09.93  +07.54  +01.47  +07.29  +01.85
      +005.9  +007.5  +002.6  0047
------------------------------------------------------------------------
23    +04.60  -01.68  +05.93  +05.55  +08.93  +08.52  +01.46  +08.47  +02.12
      +007.2  +009.3  +002.7  0048
------------------------------------------------------------------------
24    +04.82  -01.23  +06.31  +03.87  +05.51  +09.23  +01.22  +07.63  +01.95
      +009.1  +009.1  +001.9  0086
------------------------------------------------------------------------
25    +04.90  -01.02  +06.56  +03.16  +09.10  +08.79  +01.25  +07.92  +01.46
      +004.2  +007.1  +002.1  0083
------------------------------------------------------------------------
26    +05.01  -00.62  +06.92  +02.32  +05.53  +09.19  +01.08  +09.11  +02.12
      +005.9  +007.5  +001.3  0173
------------------------------------------------------------------------
27    +05.06  -00.37  +07.25  +01.56  +02.37  +09.83  +01.04  +08.29  +01.57
      +016.0  +008.2  +001.1  0169
------------------------------------------------------------------------
28    +05.08  -00.27  +07.57  +01.00  +03.48  +10.20  +00.98  +08.43  +01.73
      +007.0  +007.9  +001.0  0166
------------------------------------------------------------------------
29    +05.09  -00.17  +07.84  +00.60  +02.39  +10.75  +00.85  +08.21  +01.39
      +008.5  +007.2  +000.8  0164
------------------------------------------------------------------------
30    +05.09  -00.12  +08.16  -00.46  +01.87  +11.08  +01.31  +08.72  +01.56
      +012.2  +007.6  +001.2  0167
------------------------------------------------------------------------
31    +05.05  -00.08  +08.45  -00.94  +01.37  +12.10  +01.09  +07.83  +01.67
      +028.4  +006.8  +001.0  0167
------------------------------------------------------------------------
32    +05.04  -00.06  +08.70  -01.48  +03.04  +12.13  +01.49  +09.58  +02.19
      +015.0  +009.0  +001.4  0094
------------------------------------------------------------------------
33    +05.01  +00.01  +08.99  -02.38  +00.20  +12.73  +01.35  +09.59  +01.85
      +039.1  +007.4  +001.1  0172
------------------------------------------------------------------------
34    +04.97  +00.04  +09.27  -03.20  +02.32  +13.03  +01.99  +10.31  +02.25
      +024.6  +009.2  +001.7  0094
------------------------------------------------------------------------
35    +04.86  +00.15  +09.71  -04.74  +01.35  +13.95  +01.79  +09.83  +02.16
      +020.0  +007.4  +001.3  0172
------------------------------------------------------------------------
36    +04.72  +00.21  +10.08  -05.88  +02.30  +14.99  +02.20  +11.56  +02.69
      +019.8  +008.9  +001.6  0094
------------------------------------------------------------------------
37    +04.54  +00.29  +10.50  -07.63  +00.04  +16.68  +02.14  +11.96  +02.63
      +018.1  +008.3  +001.4  0094
------------------------------------------------------------------------
38    +04.36  +00.29  +10.88  -09.13  +01.17  +17.11  +03.48  +14.62  +03.29
      +018.3  +009.9  +002.0  0096
------------------------------------------------------------------------
39    +04.12  +00.30  +11.32  -09.88  -00.70  +18.30  +02.81  +14.54  +03.33
      +016.8  +009.2  +001.6  0095
------------------------------------------------------------------------
40    +03.94  +00.30  +11.65  -10.94  +00.13  +18.72  +03.36  +15.73  +03.69
      +016.5  +009.6  +001.8  0096
------------------------------------------------------------------------
41    +03.69  +00.31  +12.08  -11.38  -04.65  +20.39  +02.83  +18.24  +03.83
      +015.7  +009.5  +001.5  0095
------------------------------------------------------------------------
42    +03.52  +00.24  +12.40  -10.78  -04.62  +20.40  +03.63  +17.74  +04.03
      +016.4  +009.2  +001.9  0094
```

```
-------------------------------------------------------------------------------
43    +03.33   +00.16   +12.76   -11.90   +02.44   +19.58   +02.99   +16.24   +03.89
      +012.7   +008.2   +001.3   0176
-------------------------------------------------------------------------------
44    +03.07   +00.21   +13.22   -11.64   +06.12   +19.85   +03.50   +19.17   +04.65
      +012.0   +008.5   +001.5   0175
-------------------------------------------------------------------------------
45    +02.92   +00.30   +13.51   -11.56   +01.55   +21.41   +03.94   +18.59   +04.51
      +015.1   +008.4   +001.5   0177
-------------------------------------------------------------------------------
46    +02.70   +00.39   +13.93   -11.63   -01.55   +24.78   +04.34   +23.05   +05.53
      +017.1   +008.2   +001.6   0176
-------------------------------------------------------------------------------
```

No.	Xcm	Ycm	Zcm	Um/s	Vm/s	Wm/s	Su	Sv	Sw
	DELxy	DELyz	DELzx	Navg					
1	-04.99	-03.00	+05.01	+12.59	-02.34	-01.41	+00.56	+02.55	+00.70
	+003.2	+011.0	+000.9	0048					
2	-04.60	-03.08	+04.96	+12.68	-03.33	-01.23	+00.59	+03.33	+00.92
	+004.0	+008.9	+001.2	0048					
3	-04.23	-03.19	+04.93	+12.76	-02.34	-01.67	+00.65	+03.27	+00.81
	+004.1	+013.8	+001.0	0048					
4	-03.84	-03.27	+04.89	+13.06	-03.12	-01.78	+00.67	+03.13	+00.77
	+003.7	+009.6	+000.9	0048					
5	-03.47	-03.34	+04.84	+13.33	-02.88	-02.02	+00.73	+03.47	+00.92
	+004.1	+012.0	+001.1	0048					
6	-03.10	-03.42	+04.79	+13.93	-05.06	-01.85	+00.92	+03.51	+00.94
	+003.7	+006.0	+001.1	0047					
7	-02.44	-03.64	+04.70	+15.63	-05.07	-01.91	+01.00	+04.86	+01.09
	+004.6	+007.9	+001.1	0047					
8	-02.00	-03.80	+04.64	+17.20	-03.65	-02.78	+01.15	+06.10	+01.46
	+005.5	+016.5	+001.4	0047					
9	-01.61	-03.89	+04.58	+18.91	-02.08	-02.17	+01.04	+06.07	+01.76
	+005.2	+029.6	+001.5	0047					
10	-01.23	-03.92	+04.54	+19.99	-01.82	-02.18	+01.38	+06.34	+01.63
	+005.3	+033.6	+001.3	0046					
11	-00.69	-03.96	+04.49	+22.69	-01.48	-01.43	+01.40	+07.09	+01.72
	+005.1	+048.4	+001.2	0046					
12	-00.18	-03.96	+04.47	+25.60	+02.53	-01.56	+02.48	+10.79	+02.92
	+006.8	+020.7	+001.8	0048					
13	+00.26	-03.90	+04.45	+25.78	+04.21	-01.21	+02.53	+13.30	+03.33
	+008.2	+008.1	+002.1	0048					
14	+00.78	-03.80	+04.44	+26.43	+06.41	+01.10	+02.31	+10.79	+02.48
	+006.3	+010.2	+001.5	0047					
15	+01.28	-03.65	+04.47	+26.17	+11.18	+02.27	+02.50	+13.31	+03.35
	+007.0	+008.1	+002.1	0047					
16	+01.75	-03.40	+04.51	+24.44	+13.57	+04.86	+03.02	+13.81	+03.68
	+007.1	+008.9	+002.3	0048					
17	+02.18	-03.11	+04.60	+19.31	+16.69	+06.53	+02.84	+15.20	+03.05
	+007.4	+007.1	+002.5	0047					
18	+02.54	-02.75	+04.73	+16.07	+13.96	+09.79	+03.05	+13.09	+03.32
	+007.7	+009.3	+002.8	0048					
19	+02.90	-02.39	+04.94	+11.27	+17.89	+10.41	+02.80	+13.15	+02.74
	+005.6	+006.6	+002.9	0049					
20	+03.18	-01.99	+05.21	+04.93	+16.17	+10.93	+02.32	+12.66	+02.77
	+004.2	+007.4	+003.2	0048					

```
-----------------------------------------------------------------------------
21   +03.30   -01.60   +05.50   +02.22   +10.48   +12.95   +02.02   +10.27   +02.24
     +003.5   +007.5   +001.9   0087
-----------------------------------------------------------------------------
22   +03.32   -01.08   +06.01   -01.19   +11.08   +13.94   +02.36   +13.40   +02.82
     +002.6   +008.1   +001.8   0128
-----------------------------------------------------------------------------
23   +03.16   -00.61   +06.51   -04.69   +05.74   +15.15   +03.00   +16.07   +03.43
     +013.7   +009.7   +001.8   0175
-----------------------------------------------------------------------------
24   +02.95   -00.42   +06.93   -07.17   +04.51   +16.04   +03.53   +16.02   +03.22
     +015.2   +009.8   +001.7   0168
-----------------------------------------------------------------------------
25   +02.74   -00.30   +07.31   -09.26   +01.43   +19.83   +03.22   +22.30   +04.66
     +019.9   +010.4   +001.4   0172
-----------------------------------------------------------------------------
26   +02.53   -00.30   +07.69   -09.73   +04.84   +23.41   +03.88   +26.25   +06.32
     +019.2   +009.9   +001.5   0173
-----------------------------------------------------------------------------
27   +02.33   -00.27   +08.12   -10.98   +06.45   +27.10   +04.91   +29.80   +06.88
     +017.7   +009.4   +001.5   0183
-----------------------------------------------------------------------------
```

```
--------------------------------------------------------------------------------
FILE:SL030

No.  Xcm      Ycm      Zcm      Um/s     Vm/s     Wm/s     Su       Sv       Sw
     DELxy    DELyz    DELzx    Navg
--------------------------------------------------------------------------------
 1   -04.99   -03.00   +05.01   +12.38   -01.32   -01.51   +00.63   +02.38   +00.54
     +003.1   +016.6   +000.7   0048
--------------------------------------------------------------------------------
 2   -04.59   -03.05   +04.96   +12.34   -02.29   -01.50   +00.73   +02.38   +00.60
     +003.1   +010.4   +000.8   0047
--------------------------------------------------------------------------------
 3   -04.21   -03.10   +04.91   +12.32   -02.67   -01.59   +00.71   +02.77   +00.65
     +003.5   +009.9   +000.9   0048
--------------------------------------------------------------------------------
 4   -03.84   -03.20   +04.87   +13.10   -03.77   -01.64   +00.83   +02.94   +00.79
     +003.4   +007.1   +001.0   0047
--------------------------------------------------------------------------------
 5   -03.46   -03.30   +04.83   +12.95   -03.21   -01.74   +01.08   +03.26   +00.78
     +003.9   +009.5   +001.0   0048
--------------------------------------------------------------------------------
 6   -03.09   -03.40   +04.78   +13.66   -04.62   -01.84   +01.01   +03.90   +01.02
     +004.2   +007.4   +001.2   0048
--------------------------------------------------------------------------------
 7   -02.42   -03.63   +04.69   +15.69   -03.04   -02.29   +01.04   +05.14   +01.22
     +005.1   +016.4   +001.3   0048
--------------------------------------------------------------------------------
 8   -01.86   -03.76   +04.61   +17.29   -04.18   -02.26   +01.94   +05.83   +01.52
     +005.2   +013.5   +001.4   0048
--------------------------------------------------------------------------------
 9   -01.47   -03.87   +04.56   +19.44   -04.04   -02.16   +01.20   +07.69   +01.87
     +006.1   +018.0   +001.6   0047
--------------------------------------------------------------------------------
10   -01.05   -03.97   +04.52   +20.84   -01.15   -02.25   +01.20   +08.20   +02.19
     +006.4   +052.5   +001.7   0047
--------------------------------------------------------------------------------
11   -00.46   -03.98   +04.47   +23.41   +01.86   -02.37   +02.41   +09.75   +02.28
     +006.6   +036.1   +001.6   0048
--------------------------------------------------------------------------------
12   +00.07   -03.92   +04.42   +25.47   +01.38   -00.54   +01.83   +11.41   +02.50
     +007.3   +031.7   +001.6   0047
--------------------------------------------------------------------------------
13   +00.57   -03.87   +04.42   +26.54   +08.19   -00.42   +02.62   +11.48   +03.00
     +006.4   +005.1   +001.8   0048
--------------------------------------------------------------------------------
14   +01.01   -03.72   +04.42   +26.67   +07.87   +01.97   +02.15   +13.43   +03.28
     +007.5   +012.4   +002.0   0048
--------------------------------------------------------------------------------
15   +01.50   -03.54   +04.46   +23.56   +08.38   +04.37   +02.60   +12.75   +03.34
     +008.0   +014.8   +002.2   0047
--------------------------------------------------------------------------------
16   +01.97   -03.32   +04.56   +21.56   +10.44   +05.30   +02.32   +13.60   +02.97
     +008.4   +011.6   +002.1   0048
--------------------------------------------------------------------------------
17   +02.39   -03.07   +04.68   +17.52   +13.54   +06.79   +02.47   +11.57   +02.83
     +006.9   +007.9   +002.4   0048
--------------------------------------------------------------------------------
18   +02.80   -02.76   +04.85   +13.90   +13.21   +09.22   +02.90   +09.83   +02.02
     +006.3   +007.1   +002.2   0048
--------------------------------------------------------------------------------
19   +03.21   -02.40   +05.17   +08.94   +09.84   +10.12   +02.45   +08.34   +01.94
     +007.2   +008.1   +002.7   0048
--------------------------------------------------------------------------------
20   +03.51   -01.98   +05.57   +05.26   +11.80   +10.83   +02.18   +09.95   +01.97
     +005.7   +008.0   +002.9   0047
```

```
-----------------------------------------------------------------------
21   +03.67   -01.65   +05.91   +03.47   +10.99   +11.46   +02.05   +11.25   +02.74
     +005.5   +009.9   +002.9   0048
-----------------------------------------------------------------------
22   +03.75   -01.22   +06.36   +00.26   +15.03   +10.96   +02.02   +11.36   +02.42
     +002.2   +007.2   +003.0   0048
-----------------------------------------------------------------------
23   +03.71   -00.76   +06.72   -01.80   +07.35   +13.18   +01.71   +10.59   +02.66
     +005.3   +009.8   +001.6   0086
-----------------------------------------------------------------------
24   +03.59   -00.40   +07.20   -04.05   +04.32   +13.99   +02.01   +13.21   +02.95
     +015.2   +008.8   +001.6   0132
-----------------------------------------------------------------------
25   +03.40   -00.21   +07.65   -06.46   +05.84   +14.53   +02.50   +10.89   +02.71
     +011.1   +007.9   +001.6   0125
-----------------------------------------------------------------------
26   +03.19   -00.03   +08.05   -07.51   +02.69   +16.25   +02.90   +17.64   +03.83
     +019.7   +010.3   +001.6   0142
-----------------------------------------------------------------------
27   +02.96   +00.02   +08.50   -08.85   +03.00   +17.93   +03.74   +17.60   +04.51
     +017.0   +009.3   +001.8   0143
-----------------------------------------------------------------------
28   +02.73   +00.08   +08.95   -10.22   +00.92   +20.30   +03.93   +19.42   +04.81
     +014.9   +007.3   +001.3   0274
-----------------------------------------------------------------------
```

```
-------------------------------------------------------------------------
FILE:SL031

No.   Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy   DELyz   DELzx   Navg
-------------------------------------------------------------------------
 1   -04.99  -01.98  +05.00  +10.73  -00.44  -01.47  +00.98  +02.81  +00.67
     +004.3  +030.5  +001.0  0047
-------------------------------------------------------------------------
 2   -04.79  -01.99  +04.97  +10.69  -01.65  -01.40  +00.82  +03.24  +00.81
     +004.8  +019.6  +001.2  0047
-------------------------------------------------------------------------
 3   -04.61  -02.01  +04.95  +10.80  -01.89  -01.49  +01.15  +03.52  +00.78
     +005.1  +017.8  +001.2  0048
-------------------------------------------------------------------------
 4   -04.42  -02.04  +04.93  +10.75  -03.26  -01.36  +01.37  +03.25  +00.72
     +004.5  +008.5  +001.1  0047
-------------------------------------------------------------------------
 5   -04.24  -02.09  +04.90  +10.74  -02.26  -01.46  +01.34  +03.26  +00.84
     +004.7  +014.4  +001.3  0048
-------------------------------------------------------------------------
 6   -04.06  -02.13  +04.88  +10.97  -02.60  -01.56  +01.18  +03.28  +00.76
     +004.6  +011.9  +001.1  0048
-------------------------------------------------------------------------
 7   -03.64  -02.23  +04.82  +10.72  -02.75  -01.81  +01.35  +04.72  +01.23
     +006.7  +017.0  +001.9  0048
-------------------------------------------------------------------------
 8   -03.33  -02.32  +04.77  +11.11  -02.56  -02.18  +01.31  +05.26  +01.44
     +007.3  +021.2  +002.1  0048
-------------------------------------------------------------------------
 9   -03.07  -02.38  +04.72  +11.15  -06.38  -01.52  +01.78  +05.83  +01.36
     +006.3  +006.3  +002.0  0048
-------------------------------------------------------------------------
10   -02.60  -02.62  +04.65  +11.50  -04.30  -02.60  +02.41  +08.60  +02.53
     +008.2  +015.3  +002.5  0088
-------------------------------------------------------------------------
11   -02.39  -02.71  +04.61  +12.99  -04.40  -02.50  +02.38  +08.89  +02.48
     +010.1  +020.5  +003.1  0047
-------------------------------------------------------------------------
12   -02.08  -02.82  +04.55  +14.56  -08.82  -01.02  +02.75  +11.84  +03.12
     +009.8  +007.9  +003.5  0047
-------------------------------------------------------------------------
13   -01.88  -02.92  +04.54  +15.02  -07.35  -01.54  +01.95  +11.88  +03.26
     +008.3  +009.2  +002.8  0088
-------------------------------------------------------------------------
14   -01.41  -03.15  +04.50  +18.49  -10.58  -00.75  +02.58  +13.95  +03.81
     +007.7  +005.7  +002.7  0086
-------------------------------------------------------------------------
15   -01.01  -03.37  +04.50  +21.19  -08.38  -00.55  +02.13  +14.18  +03.91
     +008.1  +007.8  +002.6  0086
-------------------------------------------------------------------------
16   -00.68  -03.51  +04.50  +23.16  -08.71  +00.60  +02.24  +15.09  +04.07
     +009.3  +006.0  +002.9  0047
-------------------------------------------------------------------------
17   -00.43  -03.60  +04.51  +23.29  -05.10  -00.22  +03.32  +13.27  +03.61
     +008.8  +013.2  +002.5  0048
-------------------------------------------------------------------------
18   +00.03  -03.71  +04.51  +25.76  +03.09  -01.68  +02.31  +15.99  +04.75
     +010.1  +019.6  +003.0  0047
-------------------------------------------------------------------------
19   +00.25  -03.68  +04.50  +27.47  -01.66  +00.78  +03.28  +13.81  +03.47
     +008.3  +034.2  +002.1  0046
-------------------------------------------------------------------------
20   +00.58  -03.69  +04.51  +27.27  +00.22  +01.46  +02.38  +14.76  +03.41
     +008.8  +164.1  +002.0  0048
-------------------------------------------------------------------------
```

```
-------------------------------------------------------------------------------
21    +00.90   -03.66   +04.52   +26.05   +09.25   +00.56   +03.49   +14.87   +03.34
      +008.2   +007.2   +002.1   0048
-------------------------------------------------------------------------------
22    +01.14   -03.55   +04.53   +25.91   +06.73   +03.44   +03.11   +14.39   +03.67
      +008.5   +020.4   +002.2   0048
-------------------------------------------------------------------------------
23    +01.45   -03.45   +04.57   +24.72   +08.79   +03.57   +03.59   +17.33   +04.63
      +010.1   +018.1   +003.0   0048
-------------------------------------------------------------------------------
24    +01.74   -03.31   +04.62   +23.64   +12.18   +04.63   +03.95   +14.23   +03.60
      +007.7   +010.0   +002.4   0048
-------------------------------------------------------------------------------
25    +01.96   -03.17   +04.66   +22.53   +07.10   +07.08   +02.68   +12.62   +03.22
      +008.3   +017.7   +002.2   0048
-------------------------------------------------------------------------------
26    +02.20   -03.08   +04.75   +19.31   +13.04   +06.55   +02.15   +14.03   +04.31
      +008.3   +010.9   +003.4   0047
-------------------------------------------------------------------------------
27    +02.42   -02.94   +04.83   +16.24   +13.70   +07.37   +02.93   +12.93   +03.23
      +007.6   +009.0   +002.9   0048
-------------------------------------------------------------------------------
28    +02.59   -02.82   +04.92   +13.42   +11.41   +08.13   +02.85   +10.20   +02.36
      +007.5   +008.8   +002.6   0047
-------------------------------------------------------------------------------
29    +02.85   -02.59   +05.09   +11.20   +10.71   +09.66   +02.21   +09.17   +02.28
      +007.2   +008.7   +002.4   0047
-------------------------------------------------------------------------------
30    +03.06   -02.35   +05.26   +07.49   +09.89   +10.70   +01.74   +09.83   +02.34
      +006.3   +007.6   +002.0   0089
-------------------------------------------------------------------------------
31    +03.22   -02.02   +05.54   +05.08   +11.55   +11.33   +02.37   +11.19   +02.76
      +006.6   +009.4   +003.2   0048
-------------------------------------------------------------------------------
32    +03.32   -01.70   +05.82   +01.71   +11.94   +11.79   +02.89   +12.26   +03.14
      +004.5   +010.2   +003.8   0049
-------------------------------------------------------------------------------
33    +03.33   -01.38   +06.12   -00.49   +09.52   +13.66   +02.46   +10.15   +02.62
      +003.4   +008.1   +002.3   0085
-------------------------------------------------------------------------------
34    +03.29   -01.11   +06.42   -03.17   +10.33   +14.28   +02.60   +12.33   +02.73
      +005.5   +009.1   +002.2   0084
-------------------------------------------------------------------------------
35    +03.21   -00.89   +06.69   -04.56   +06.58   +14.42   +02.58   +14.67   +03.20
      +010.2   +009.0   +001.7   0174
-------------------------------------------------------------------------------
36    +03.11   -00.75   +06.96   -06.35   +03.27   +15.85   +03.02   +17.69   +04.35
      +017.5   +008.7   +001.5   0220
-------------------------------------------------------------------------------
37    +03.00   -00.70   +07.20   -07.13   +02.94   +16.86   +03.10   +19.48   +04.22
      +019.0   +009.6   +001.5   0189
-------------------------------------------------------------------------------
38    +02.88   -00.67   +07.47   -08.81   +00.53   +18.76   +03.57   +22.91   +05.53
      +021.2   +010.1   +001.6   0188
-------------------------------------------------------------------------------
39    +02.77   -00.69   +07.71   -09.65   +02.22   +19.01   +03.62   +21.21   +04.58
      +013.3   +007.1   +001.1   0361
-------------------------------------------------------------------------------
40    +02.66   -00.66   +07.93   -10.23   +00.01   +19.99   +03.70   +21.84   +05.05
      +013.9   +007.2   +001.1   0356
-------------------------------------------------------------------------------
```

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-------------------------------------------------------------------------
FILE:SL032

No.  Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
     DELxy   DELyz   DELzx   Navg

-------------------------------------------------------------------------
 1   -04.99  -01.48  +05.00  +11.01  -01.53  -01.39  +00.62  +02.34  +00.60
     +003.5  +015.5  +000.9  0047
-------------------------------------------------------------------------
 2   -04.50  -01.55  +04.94  +10.78  -02.26  -01.53  +00.74  +03.02  +00.73
     +004.4  +013.2  +001.1  0047
-------------------------------------------------------------------------
 3   -04.03  -01.64  +04.87  +10.44  -02.62  -01.61  +00.78  +03.56  +00.96
     +005.3  +013.5  +001.5  0048
-------------------------------------------------------------------------
 4   -03.65  -01.72  +04.81  +09.95  -02.69  -01.68  +01.09  +04.22  +01.21
     +006.5  +016.4  +001.9  0047
-------------------------------------------------------------------------
 5   -03.28  -01.81  +04.75  +09.92  -03.62  -01.98  +01.47  +06.81  +01.85
     +009.8  +018.4  +003.0  0048
-------------------------------------------------------------------------
 6   -02.92  -01.95  +04.68  +10.18  -04.86  -01.42  +01.60  +07.28  +02.17
     +008.2  +010.6  +002.8  0084
-------------------------------------------------------------------------
 7   -02.46  -02.21  +04.62  +11.24  -07.42  -00.91  +02.49  +12.92  +03.04
     +008.3  +006.1  +002.8  0129
-------------------------------------------------------------------------
 8   -02.14  -02.44  +04.59  +12.78  -05.71  -01.55  +02.62  +17.15  +04.38
     +008.9  +011.2  +002.7  0219
-------------------------------------------------------------------------
 9   -01.70  -02.69  +04.55  +15.34  -11.62  +00.85  +04.15  +19.69  +05.22
     +008.7  +003.5  +003.4  0130
-------------------------------------------------------------------------
10   -01.38  -02.94  +04.58  +18.47  -06.70  +01.03  +03.30  +20.64  +04.45
     +008.5  +003.8  +002.1  0179
-------------------------------------------------------------------------
11   -00.93  -03.11  +04.62  +22.10  -17.35  +05.03  +03.61  +22.78  +06.59
     +008.2  +002.1  +003.5  0090
-------------------------------------------------------------------------
12   -00.43  -03.46  +04.76  +24.88  -08.22  +02.32  +03.15  +22.58  +06.07
     +009.6  +004.6  +002.8  0093
-------------------------------------------------------------------------
13   -00.01  -03.63  +04.82  +27.88  -01.34  +01.70  +03.16  +23.14  +06.26
     +009.5  +079.6  +002.6  0096
-------------------------------------------------------------------------
14   +00.40  -03.65  +04.85  +27.90  -04.74  +04.81  +03.62  +19.98  +05.38
     +008.1  +019.1  +002.2  0094
-------------------------------------------------------------------------
15   +00.82  -03.68  +04.92  +27.91  +05.33  +02.35  +03.40  +19.12  +04.60
     +007.6  +022.3  +001.9  0096
-------------------------------------------------------------------------
16   +01.30  -03.54  +04.95  +27.72  +09.87  +04.59  +04.04  +19.85  +04.92
     +007.4  +012.9  +002.0  0096
-------------------------------------------------------------------------
17   +01.70  -03.36  +05.01  +25.42  +11.16  +07.65  +04.04  +21.54  +05.29
     +008.2  +013.5  +002.2  0096
-------------------------------------------------------------------------
18   +02.06  -03.16  +05.11  +23.17  +17.37  +09.48  +03.14  +22.27  +05.75
     +007.1  +008.7  +002.5  0095
-------------------------------------------------------------------------
19   +02.42  -02.83  +05.26  +19.19  +15.87  +12.96  +03.21  +21.08  +05.83
     +007.6  +009.6  +002.5  0096
-------------------------------------------------------------------------
20   +02.75  -02.48  +05.47  +13.79  +14.20  +14.56  +03.21  +17.83  +04.61
     +007.4  +008.8  +002.3  0095
```

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```
----------------------------------------------------------------------
21   +03.03   -01.99   +05.82   +07.58   +17.71   +15.14   +03.89   +19.12   +03.98
     +005.0   +007.3   +002.6   0096
----------------------------------------------------------------------
22   +03.19   -01.50   +06.22   +01.70   +09.60   +16.89   +02.28   +17.71   +04.04
     +004.6   +010.1   +001.6   0095
----------------------------------------------------------------------
23   +03.17   -01.10   +06.73   -03.05   +09.90   +16.83   +02.34   +16.57   +03.47
     +005.9   +009.3   +001.6   0094
----------------------------------------------------------------------
24   +03.02   -00.76   +07.22   -06.16   +09.23   +17.12   +02.67   +18.30   +03.93
     +008.8   +008.7   +001.4   0174
----------------------------------------------------------------------
25   +02.79   -00.51   +07.65   -08.21   +06.30   +19.30   +03.82   +17.96   +04.20
     +013.6   +008.7   +001.7   0170
----------------------------------------------------------------------
26   +02.57   -00.37   +08.04   -09.87   +04.26   +21.84   +03.67   +22.95   +05.05
     +017.9   +009.8   +001.4   0176
----------------------------------------------------------------------
27   +02.37   -00.29   +08.42   -10.33   -00.32   +25.85   +04.01   +28.55   +07.36
     +024.5   +009.7   +001.5   0177
----------------------------------------------------------------------
28   +02.19   -00.31   +08.85   -12.78   -01.56   +29.37   +04.45   +28.56   +07.50
     +020.4   +008.5   +001.4   0177
----------------------------------------------------------------------
29   +02.00   -00.38   +09.30   -13.72   -02.01   +35.33   +04.73   +37.08   +08.77
     +021.8   +008.5   +001.2   0187
----------------------------------------------------------------------
30   +01.84   -00.44   +09.77   -13.55   +04.85   +37.15   +04.32   +34.54   +07.11
     +020.3   +008.7   +001.1   0177
----------------------------------------------------------------------
```

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------------------------------------------------------------------------
FILE:SL033

No.  Xcm      Ycm      Zcm      Um/s     Vm/s     Wm/s     Su       Sv       Sw
     DELxy    DELyz    DELzx    Navg
------------------------------------------------------------------------
 1   -04.99   -01.01   +05.00   +10.72   -00.38   -01.62   +00.49   +03.49   +00.56
     +005.2   +034.4   +000.8   0048
------------------------------------------------------------------------
 2   -04.50   -01.02   +04.93   +10.42   -01.37   -01.53   +00.62   +02.93   +00.65
     +004.5   +020.2   +001.0   0048
------------------------------------------------------------------------
 3   -04.02   -01.07   +04.86   +09.54   -02.75   -01.47   +00.90   +03.94   +00.87
     +006.2   +013.0   +001.5   0048
------------------------------------------------------------------------
 4   -03.84   -01.12   +04.83   +09.20   -01.76   -01.86   +01.79   +04.32   +01.07
     +007.3   +024.0   +001.9   0048
------------------------------------------------------------------------
 5   -03.66   -01.16   +04.79   +09.33   -02.23   -01.51   +01.32   +04.31   +01.00
     +007.2   +018.9   +001.7   0047
------------------------------------------------------------------------
 6   -03.48   -01.19   +04.76   +09.13   -03.05   -01.62   +01.27   +04.96   +01.22
     +007.0   +013.6   +001.8   0088
------------------------------------------------------------------------
 7   -02.93   -01.36   +04.66   +08.66   -03.22   -01.63   +02.59   +11.11   +02.86
     +009.5   +017.3   +002.4   0214
------------------------------------------------------------------------
 8   -02.55   -01.50   +04.58   +09.22   -06.50   +00.73   +03.08   +18.23   +04.75
     +009.8   +003.5   +003.6   0260
------------------------------------------------------------------------
 9   -02.36   -01.63   +04.60   +09.10   -09.66   +03.48   +04.05   +22.93   +05.70
     +007.7   +003.0   +003.5   0360
------------------------------------------------------------------------
10   -01.94   -01.89   +04.74   +10.14   -16.38   +09.76   +04.79   +31.78   +07.63
     +007.2   +005.0   +003.6   0193
------------------------------------------------------------------------
11   -01.74   -02.10   +04.96   +09.81   -16.10   +13.68   +04.76   +33.81   +08.65
     +007.7   +006.5   +003.0   0192
------------------------------------------------------------------------
12   -01.62   -02.24   +05.15   +10.20   -19.90   +16.13   +04.65   +37.50   +09.48
     +006.4   +005.7   +002.7   0191
------------------------------------------------------------------------
13   -01.53   -02.39   +05.30   +11.49   -28.98   +17.05   +04.41   +38.18   +09.43
     +003.8   +003.3   +002.5   0190
------------------------------------------------------------------------
14   -01.47   -02.62   +05.47   +12.44   -25.74   +14.76   +04.51   +37.61   +08.90
     +004.7   +003.7   +002.8   0191
------------------------------------------------------------------------
15   -01.39   -02.89   +05.64   +14.58   -25.68   +09.57   +04.21   +31.65   +07.79
     +004.4   +002.0   +003.2   0189
------------------------------------------------------------------------
```

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------------------------------------------------------------------------
FILE:SL034

No.  Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
     DELxy   DELyz   DELzx   Navg

------------------------------------------------------------------------
1    -04.99  +01.00  +05.01  +10.60  +01.59  -01.56  +01.01  +03.05  +00.61
     +004.6  +013.7  +000.9  0047
------------------------------------------------------------------------
2    -04.80  +01.03  +04.98  +10.54  +00.92  -01.41  +00.97  +02.92  +00.70
     +004.5  +020.9  +001.1  0047
------------------------------------------------------------------------
3    -04.61  +01.04  +04.96  +10.18  +02.04  -01.60  +01.10  +03.51  +00.95
     +005.4  +009.8  +001.5  0048
------------------------------------------------------------------------
4    -04.42  +01.09  +04.93  +10.21  +02.14  -01.64  +00.73  +03.96  +01.06
     +006.0  +010.5  +001.7  0048
------------------------------------------------------------------------
5    -04.24  +01.15  +04.90  +10.57  +00.58  -01.14  +01.01  +04.42  +01.23
     +006.8  +043.6  +001.9  0048
------------------------------------------------------------------------
6    -04.06  +01.18  +04.89  +09.86  +02.35  -01.41  +01.35  +04.49  +01.16
     +007.1  +009.3  +001.9  0048
------------------------------------------------------------------------
7    -03.45  +01.35  +04.81  +09.21  +04.87  -01.97  +01.15  +07.77  +02.15
     +008.3  +003.5  +002.7  0084
------------------------------------------------------------------------
8    -03.09  +01.56  +04.74  +09.71  +03.44  -01.34  +01.86  +11.12  +02.76
     +009.4  +005.5  +002.8  0170
------------------------------------------------------------------------
9    -02.74  +01.71  +04.69  +09.57  +03.58  +00.30  +02.84  +16.48  +04.29
     +009.3  +009.0  +002.6  0389
------------------------------------------------------------------------
10   -02.40  +01.85  +04.70  +10.37  +06.67  +02.74  +03.91  +22.68  +05.61
     +009.9  +011.9  +003.2  0354
------------------------------------------------------------------------
11   -02.16  +02.01  +04.77  +11.35  +00.85  +07.76  +03.70  +29.61  +07.73
     +009.1  +013.6  +001.6  1083
------------------------------------------------------------------------
12   -01.90  +02.05  +04.98  +11.68  -05.90  +15.72  +04.05  +30.94  +07.96
     +010.8  +008.2  +001.4  0545
------------------------------------------------------------------------
13   -01.58  +01.89  +05.31  +11.63  -21.01  +27.30  +04.40  +30.49  +07.03
     +004.1  +004.1  +001.1  0288
------------------------------------------------------------------------
```

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| No. | Xcm | Ycm | Zcm | Um/s | Vm/s | Wm/s | Su | Sv | Sw |
	DELxy	DELyz	DELzx	Navg					
1	-04.99	+01.51	+05.00	+11.43	+01.81	-01.46	+00.55	+02.58	+00.62
	+003.6	+008.7	+000.9	0048					
2	-04.80	+01.54	+04.98	+11.27	+01.80	-01.47	+00.58	+02.91	+00.73
	+004.0	+010.0	+001.0	0048					
3	-04.61	+01.57	+04.96	+11.03	+01.49	-01.62	+00.59	+03.43	+00.85
	+005.0	+015.4	+001.2	0048					
4	-04.43	+01.59	+04.93	+11.10	+01.28	-01.50	+00.87	+03.24	+00.83
	+004.8	+016.8	+001.2	0047					
5	-04.24	+01.62	+04.91	+10.77	+02.90	-01.67	+00.95	+03.52	+00.91
	+005.0	+005.7	+001.4	0048					
6	-04.06	+01.68	+04.88	+10.81	+02.77	-01.51	+00.74	+03.90	+00.93
	+005.5	+006.8	+001.4	0047					
7	-03.71	+01.79	+04.83	+10.78	+02.91	-01.81	+00.94	+04.77	+01.21
	+006.8	+008.3	+001.8	0047					
8	-03.44	+01.89	+04.78	+11.24	+04.42	-01.86	+01.21	+06.97	+01.86
	+008.8	+005.2	+002.7	0047					
9	-03.19	+02.03	+04.74	+11.39	+06.26	-01.83	+01.92	+07.16	+01.74
	+008.0	+002.9	+002.4	0048					
10	-02.95	+02.17	+04.70	+12.17	+04.73	-01.40	+01.61	+08.89	+01.93
	+007.9	+004.1	+001.9	0088					
11	-02.63	+02.32	+04.67	+12.20	+08.65	-01.93	+01.53	+11.16	+02.78
	+007.9	+002.4	+002.7	0090					
12	-02.41	+02.51	+04.63	+13.77	+08.96	-01.62	+01.91	+13.71	+03.30
	+008.7	+002.6	+002.8	0088					
13	-02.12	+02.73	+04.60	+15.00	+07.74	-01.20	+02.33	+17.42	+04.00
	+009.3	+003.2	+002.5	0131					
14	-01.79	+02.94	+04.58	+17.33	+15.31	-02.95	+02.15	+18.95	+04.11
	+008.7	+002.4	+003.4	0085					
15	-01.57	+03.14	+04.54	+18.67	+11.29	-01.74	+02.38	+17.30	+04.41
	+009.1	+002.9	+002.9	0087					
16	-01.38	+03.29	+04.52	+20.33	+14.45	-02.46	+02.49	+21.41	+04.99
	+008.2	+002.4	+002.8	0095					
17	-00.97	+03.61	+04.47	+22.20	+12.20	-02.48	+02.17	+19.38	+04.22
	+007.9	+002.5	+002.2	0095					
18	-00.56	+03.87	+04.42	+22.97	+03.79	-01.58	+01.74	+14.74	+03.15
	+007.2	+011.1	+001.6	0095					
19	-00.22	+03.93	+04.40	+24.95	+05.46	-01.77	+01.70	+16.79	+03.44
	+007.4	+007.0	+001.6	0095					
20	+00.13	+04.00	+04.38	+25.03	-00.31	-00.94	+01.58	+14.65	+02.99
	+006.9	+171.5	+001.4	0094					

21	+00.45	+03.97	+04.38	+24.83	-02.12	-00 02	+01.64	+12.82	+02.84
	+006.0	+016.0	+001.3	0094					
22	+00.75	+03.92	+04.39	+25.14	-04.36	+00.80	+02.18	+13.75	+03.00
	+006.1	+005.0	+001.4	0095					
23	+00.99	+03.89	+04.39	+24.13	-03.91	+00.97	+01.88	+12.83	+02.96
	+005.9	+005.6	+001.4	0094					
24	+01.28	+03.85	+04.41	+24.84	-06.41	+01.23	+01.83	+14.40	+03.18
	+006.3	+003.5	+001.5	0095					
25	+01.51	+03.79	+04.42	+24.86	-09.17	+02.40	+02.16	+13.26	+03.25
	+005.4	+002.4	+001.5	0097					
26	+01.86	+03.65	+04.45	+22.73	-10.19	+03.31	+01.97	+10.92	+02.80
	+004.6	+002.0	+001.4	0096					
27	+02.16	+03.49	+04.50	+20.14	-13.23	+04.63	+01.99	+11.45	+02.26
	+004.5	+002.2	+001.2	0097					
28	+02.41	+03.31	+04.56	+18.30	-11.86	+04.69	+02.07	+11.01	+02.69
	+004.9	+002.2	+001.6	0096					
29	+02.68	+03.13	+04.64	+16.29	-15.27	+06.73	+01.86	+10.45	+02.74
	+004.0	+001.7	+001.7	0095					
30	+02.92	+02.87	+04.74	+14.21	-13.91	+07.61	+02.33	+10.32	+02.18
	+004.4	+002.7	+001.6	0095					
31	+03.14	+02.61	+04.85	+12.07	-15.20	+08.69	+02.16	+11.32	+02.53
	+004.3	+002.7	+001.8	0097					
32	+03.30	+02.40	+04.98	+09.57	-13.72	+09.15	+02.08	+09.77	+02.37
	+004.0	+002.8	+001.9	0096					
33	+03.49	+02.09	+05.18	+07.17	-12.25	+09.80	+01.47	+11.50	+02.30
	+004.7	+004.4	+001.7	0095					
34	+03.63	+01.86	+05.40	+05.70	-09.46	+10.07	+02.05	+10.37	+01.97
	+005.9	+005.6	+002.0	0095					
35	+03.74	+01.55	+05.68	+03.63	-07.12	+10.44	+01.96	+10.88	+02.47
	+007.5	+007.3	+002.1	0095					
36	+03.81	+01.34	+05.96	+01.98	-08.67	+11.73	+01.75	+14.28	+03.55
	+004.6	+007.7	+001.8	0094					
37	+03.82	+01.09	+06.26	+00.46	-05.09	+12.29	+02.03	+12.60	+02.96
	+005.2	+009.3	+001.9	0094					
38	+03.79	+00.97	+06.56	-00.82	-05.89	+13.32	+01.98	+13.84	+03.23
	+005.4	+009.3	+001.7	0094					
39	+03.77	+00.85	+06.84	-02.17	-06.35	+14.15	+02.22	+13.92	+03.31
	+008.7	+008.6	+001.8	0094					
40	+03.73	+00.74	+07.09	-02.88	-02.37	+13.58	+01.81	+11.25	+02 97
	+022.9	+007.6	+001.4	0170					
41	+03.66	+00.70	+07.38	-04.26	-02.03	+14.39	+02.33	+13.44	+03.38
	+030.0	+010.2	+001.9	0096					
42	+03.56	+00.68	+07.73	-05.74	-01.58	+15.32	+02 03	+13.19	+02.66
	+020.5	+007.9	+001.2	0176					

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43	+03.44	+00.68	+08.05	-06.93	-04.62	+16.90	+02.68	+16.96	+04.27
	+019.8	+010.2	+001.9	0095				
44	+03.33	+00.62	+08.32	-08.30	-00.29	+17.11	+03.01	+12.57	+02.96
	+014.8	+007.2	+001.4	0173				
45	+03.25	+00.62	+08.50	-08.70	-04.84	+19.13	+03.56	+17.78	+04.24
	+018.1	+009.7	+002.0	0095				
46	+03.12	+00.55	+08.79	-08.93	-01.82	+19.50	+03.42	+16.62	+04.29
	+020.6	+009.5	+001.9	0096				

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----------------------------------------------------------------------------
FILE:SL036

No.   Xcm      Ycm      Zcm      Um/s     Vm/s     Wm/s     Su       Sv       Sw
      DELxy    DELyz    DELzx    Navg
----------------------------------------------------------------------------
 1    -04.99   +02.00   +05.00   +11.26   +02.23   -01.40   +01.89   +02.35   +00.60
      +003.4   +005.5   +000.9   0047
----------------------------------------------------------------------------
 2    -04.50   +02.10   +04.93   +11.49   +02.86   -01.73   +01.09   +02.77   +00.68
      +003.7   +004.9   +001.0   0048
----------------------------------------------------------------------------
 3    -04.03   +02.23   +04.86   +11.13   +03.09   -01.64   +01.40   +03.80   +00.93
      +005.1   +005.7   +001.4   0048
----------------------------------------------------------------------------
 4    -03.57   +02.39   +04.80   +11.73   +03.01   -01.71   +01.35   +05.02   +01.20
      +006.5   +008.2   +001.6   0049
----------------------------------------------------------------------------
 5    -03.09   +02.52   +04.73   +12.99   +04.57   -01.84   +01.25   +06.67   +01.67
      +007.4   +005.0   +002.1   0047
----------------------------------------------------------------------------
 6    -02.64   +02.71   +04.67   +13.75   +07.16   -01.96   +01.54   +09.39   +02.29
      +007.2   +002.4   +002.3   0086
----------------------------------------------------------------------------
 7    -01.89   +03.13   +04.56   +16.20   +08.92   -02.07   +01.55   +13.66   +02.31
      +008.9   +003.2   +002.1   0084
----------------------------------------------------------------------------
 8    -01.33   +03.51   +04.49   +19.02   +05.48   -01.51   +02.02   +13.91   +03.27
      +008.7   +005.4   +002.0   0087
----------------------------------------------------------------------------
 9    -00.72   +03.74   +04.45   +21.96   +03.70   -01.13   +01.82   +15.56   +03.55
      +008.8   +008.6   +002.1   0091
----------------------------------------------------------------------------
10    -00.23   +03.86   +04.42   +23.93   +04.87   -01.47   +01.83   +14.05   +02.82
      +008.5   +007.9   +001.8   0084
----------------------------------------------------------------------------
11    +00.43   +03.98   +04.40   +24.98   -01.65   -00.13   +02.15   +15.75   +02.99
      +010.3   +038.6   +001.9   0048
----------------------------------------------------------------------------
12    +01.08   +03.91   +04.41   +23.55   -08.86   +02.31   +01.90   +11.64   +03.17
      +007.0   +002.8   +002.2   0047
----------------------------------------------------------------------------
13    +01.67   +03.63   +04.47   +22.25   -13.00   +03.81   +02.36   +10.88   +02.45
      +006.0   +002.3   +001.8   0047
----------------------------------------------------------------------------
14    +02.19   +03.27   +04.57   +19.54   -22.00   +07.49   +01.74   +12.43   +02.75
      +004.6   +001.8   +002.0   0047
----------------------------------------------------------------------------
15    +02.49   +02.84   +04.72   +16.53   -22.06   +09.31   +02.45   +14.37   +03.36
      +005.2   +002.5   +002.7   0047
----------------------------------------------------------------------------
16    +02.80   +02.33   +04.97   +12.74   -15.89   +11.61   +03.22   +14.68   +03.09
      +007.5   +005.8   +002.9   0048
----------------------------------------------------------------------------
17    +03.11   +01.82   +05.33   +08.04   -09.52   +11.76   +03.19   +12.53   +03.33
      +011.0   +008.7   +003.7   0047
----------------------------------------------------------------------------
18    +03.26   +01.48   +05.60   +03.28   -12.88   +13.06   +02.79   +14.29   +03.59
      +005.4   +007.3   +003.4   0048
----------------------------------------------------------------------------
19    +03.30   +01.15   +05.86   +00.04   -10.22   +14.23   +01.92   +12.54   +03.23
      +002.7   +007.3   +001.9   0085
----------------------------------------------------------------------------
20    +03.27   +00.86   +06.18   -02.09   -07.36   +13.60   +02.47   +13.45   +03.46
      +006.4   +008.0   +002.0   0127
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---------------------------------------------------------------------------
21   +03.20   +00.68   +06.47   -04.81   -06.46   +14.92   +02.63   +15.83   +03.85
     +012.6   +008.6   +001.8   0136
---------------------------------------------------------------------------
22   +03.09   +00.55   +06.73   -06.43   -02.25   +15.22   +02.73   +16.38   +03.99
     +020.4   +009.7   +001.7   0175
---------------------------------------------------------------------------
```

```
----------------------------------------------------------------------

FILE:SL037

No.   Xcm    Ycm    Zcm    Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy  DELyz  DELzx  Navg

----------------------------------------------------------------------

 1   -04.99 +03.01 +05.00 +12.48  +02.23  -01.39  +00.59  +02.94  +00.75
     +003.7 +006.6 +001.0 0048

----------------------------------------------------------------------

 2   -04.50 +03.10 +04.95 +12.48  +03.03  -01.58  +00.58  +03.04  +00.67
     +003.7 +004.8 +000.9 0048

----------------------------------------------------------------------

 3   -04.03 +03.21 +04.89 +12.84  +03.22  -01.60  +01.11  +03.47  +00.63
     +004.1 +005.5 +000.8 0047

----------------------------------------------------------------------

 4   -03.66 +03.31 +04.85 +13.17  +03.68  -01.92  +01.00  +03.27  +00.74
     +003.8 +004.2 +000.9 0048

----------------------------------------------------------------------

 5   -03.29 +03.44 +04.80 +13.77  +04.50  -01.85  +01.03  +04.17  +00.80
     +004.5 +003.9 +000.9 0047

----------------------------------------------------------------------

 6   -02.92 +03.57 +04.75 +14.56  +05.44  -02.25  +01.35  +05.31  +01.02
     +005.2 +004.1 +001.1 0048

----------------------------------------------------------------------

 7   -02.40 +03.81 +04.67 +15.56  +03.60  -02.03  +02.17  +05.74  +01.19
     +005.8 +008.5 +001.3 0048

----------------------------------------------------------------------

 8   -01.86 +03.97 +04.60 +17.76  +07.24  -02.37  +01.31  +07.10  +01.34
     +005.6 +003.3 +001.2 0048

----------------------------------------------------------------------

 9   -01.50 +04.12 +04.56 +19.09  +03.57  -01.88  +01.07  +07.38  +01.73
     +006.1 +009.9 +001.5 0046

----------------------------------------------------------------------

10   -00.82 +04.27 +04.49 +21.10  +04.70  -02.02  +01.66  +10.45  +01.99
     +007.6 +009.8 +001.5 0048

----------------------------------------------------------------------

11   -00.25 +04.41 +04.45 +21.66  -01.74  -01.28  +01.08  +10.45  +02.25
     +007.8 +058.3 +001.7 0047

----------------------------------------------------------------------

12   +00.31 +04.35 +04.43 +23.41  -03.60  -00.41  +01.36  +09.27  +01.74
     +006.3 +011.6 +001.2 0047

----------------------------------------------------------------------

13   +00.82 +04.24 +04.43 +23.39  -01.82  +00.10  +02.22  +09.14  +01.70
     +006.4 +012.2 +001.2 0048

----------------------------------------------------------------------

14   +01.32 +04.19 +04.44 +22.29  -07.40  +01.03  +01.82  +09.43  +02.35
     +006.2 +003.2 +001.7 0047

----------------------------------------------------------------------

15   +01.75 +04.04 +04.46 +21.89  -10.11  +02.51  +02.04  +08.24  +01.69
     +005.1 +002.1 +001.2 0048

----------------------------------------------------------------------

16   +02.14 +03.86 +04.51 +20.08  -11.04  +03.56  +01.80  +08.64  +01.92
     +005.4 +002.4 +001.5 0048

----------------------------------------------------------------------

17   +02.58 +03.60 +04.59 +17.15  -10.82  +04.38  +01.78  +07.18  +01.70
     +004.9 +002.4 +001.6 0048

----------------------------------------------------------------------

18   +02.98 +03.32 +04.70 +15.00  -12.99  +05.44  +01.74  +08.91  +01.64
     +005.6 +003.0 +001.6 0048

----------------------------------------------------------------------

19   +03.31 +03.00 +04.82 +12.82  -10.46  +06.12  +01.29  +07.13  +01.58
     +005.4 +003.7 +001.7 0047

----------------------------------------------------------------------

20   +03.68 +02.66 +05.01 +09.98  -11.92  +07.66  +01.55  +08.37  +01.63
     +005.7 +004.1 +002.0 0048

                              181
```

```
--------------------------------------------------------------------------
21    +03.96   +02.28   +05.24   +08.15   -09.67   +08.21   +01.12   +08.21   +01.69
      +006.9   +005.7   +002.0   0048
--------------------------------------------------------------------------
22    +04.28   +01.90   +05.61   +06.12   -06.14   +08.13   +01.45   +08.54   +01.91
      +011.6   +009.6   +002.6   0047
--------------------------------------------------------------------------
23    +04.53   +01.54   +06.03   +04.34   -06.23   +09.26   +01.39   +09.51   +02.35
      +012.0   +010.1   +002.5   0047
--------------------------------------------------------------------------
24    +04.68   +01.21   +06.50   +02.69   -05.75   +09.71   +01.23   +09.62   +02.14
      +009.1   +008.9   +001.8   0086
--------------------------------------------------------------------------
25    +04.76   +00.95   +06.97   +01.60   -04.20   +10.46   +01.24   +10.13   +02.19
      +010.7   +009.6   +001.5   0088
--------------------------------------------------------------------------
26    +04.78   +00.77   +07.45   +00.54   -00.47   +11.29   +01.48   +08.22   +01.61
      +096.6   +008.5   +001.5   0125
--------------------------------------------------------------------------
27    +04.75   +00.77   +07.93   -00.77   -03.13   +12.19   +01.45   +10.25   +02.02
      +009.9   +008.6   +001.3   0127
--------------------------------------------------------------------------
28    +04.71   +00.69   +08.38   -01.87   -00.94   +12.71   +02.16   +10.92   +02.73
      +038.6   +006.9   +001.4   0191
--------------------------------------------------------------------------
29    +04.64   +00.71   +08.85   -03.14   -03.31   +14.55   +02.02   +13.14   +03.01
      +016.6   +006.7   +001.1   0189
--------------------------------------------------------------------------
30    +04.54   +00.63   +09.28   -04.66   -01.88   +15.01   +02.28   +13.47   +03.04
      +020.5   +007.0   +001.2   0189
--------------------------------------------------------------------------
31    +04.41   +00.60   +09.67   -06.46   +00.47   +15.82   +02.24   +12.69   +02.89
      +016.1   +006.6   +001.1   0190
--------------------------------------------------------------------------
32    +04.20   +00.61   +10.15   -07.80   -00.94   +17.53   +02.47   +13.66   +03.05
      +014.1   +006.3   +001.1   0189
--------------------------------------------------------------------------
33    +03.97   +00.61   +10.62   -09.09   -01.58   +19.42   +02.57   +15.22   +03.28
      +013.3   +006.3   +001.0   0189
--------------------------------------------------------------------------
34    +03.75   +00.61   +11.06   -10.63   -00.37   +20.06   +02.96   +16.32   +04.11
      +012.5   +006.6   +001.2   0191
--------------------------------------------------------------------------
35    +03.55   +00.62   +11.44   -11.14   +01.86   +20.51   +03.38   +17.38   +04.01
      +012.3   +007.0   +001.2   0191
--------------------------------------------------------------------------
36    +03.32   +00.66   +11.84   -10.69   +01.97   +20.90   +03.77   +17.22   +04.14
      +012.9   +006.8   +001.3   0188
--------------------------------------------------------------------------
37    +03.05   +00.75   +12.37   -10.67   +01.57   +21.99   +04.48   +20.98   +05.30
      +015.6   +007.8   +001.5   0192
--------------------------------------------------------------------------
38    +02.87   +00.81   +12.77   -10.53   +03.31   +22.43   +04.36   +25.24   +06.40
      +017.9   +009.2   +001.6   0191
--------------------------------------------------------------------------
39    +02.66   +00.90   +13.21   -11.13   +05.14   +24.86   +05.16   +27.56   +07.10
      +016.6   +009.0   +001.6   0194
--------------------------------------------------------------------------
```

No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	-04.99 +003.3	+04.00 +008.6	+05.00 +000.8	+13.21 0047	+01.85	-01.29	+00.38	+02.71	+00.62
2	-04.60 +003.0	+04.05 +007.0	+04.97 +000.8	+13.31 0047	+01.99	-01.36	+01.10	+02.49	+00.62
3	-04.21 +003.0	+04.12 +004.3	+04.93 +000.8	+13.82 0048	+02.81	-01.47	+00.49	+02.67	+00.65
4	-03.83 +003.2	+04.20 +004.5	+04.89 +000.8	+14.19 0048	+03.06	-01.65	+00.54	+02.91	+00.70
5	-03.46 +003.4	+04.29 +005.5	+04.85 +000.8	+14.49 0047	+02.83	-01.67	+00.52	+03.08	+00.74
6	-03.08 +003.2	+04.37 +006.0	+04.81 +000.7	+15.24 0048	+02.81	-01.60	+00.72	+03.13	+00.67
7	-02.46 +003.5	+04.51 +005.2	+04.75 +000.9	+16.11 0048	+03.10	-01.66	+00.92	+03.55	+00.89
8	-02.07 +003.7	+04.60 +005.1	+04.72 +000.9	+17.01 0047	+03.70	-01.96	+00.72	+03.95	+00.92
9	-01.67 +004.4	+04.71 +012.1	+04.67 +001.0	+18.10 0048	+02.51	-01.88	+00.65	+04.97	+01.12
10	-01.13 +004.5	+04.78 +011.9	+04.62 +000.8	+19.22 0047	+02.95	-01.89	+00.82	+05.53	+00.95
11	-00.50 +004.1	+04.88 +075.1	+04.56 +000.9	+20.74 0047	-00.25	-01.14	+01.18	+05.28	+01.16
12	+00.12 +004.7	+04.86 +069.8	+04.53 +001.4	+21.28 0048	-00.92	-00.91	+01.19	+06.31	+01.79
13	+00.68 +004.9	+04.84 +008.7	+04.52 +001.3	+21.80 0049	-04.24	-00.45	+01.37	+06.84	+01.68
14	+01.21 +004.1	+04.72 +004.6	+04.52 +001.1	+21.25 0047	-04.53	+00.18	+01.08	+05.50	+01.46
15	+01.72 +004.4	+04.60 +001.9	+04.54 +001.0	+21.30 0048	-06.98	+01.11	+01.47	+06.29	+01.30
16	+02.19 +004.5	+04.44 +002.6	+04.56 +000.9	+19.85 0046	-07.25	+01.95	+01.09	+06.25	+01.08
17	+02.68 +003.8	+04.23 +001.4	+04.61 +001.2	+18.72 0049	-11.22	+03.34	+01.13	+06.04	+01.41
18	+03.09 +003.8	+03.96 +002.2	+04.69 +000.9	+16.34 0047	-11.09	+04.27	+01.07	+05.65	+00.94
19	+03.51 +004.4	+03.65 +002.4	+04.81 +001.4	+15.05 0048	-10.82	+05.12	+01.04	+06.07	+01.40
20	+03.90 +006.3	+03.32 +005.1	+04.95 +001.6	+12.77 0048	-08.55	+05.78	+01.03	+07.27	+01.50

```
21   +04.34   +03.00   +05.18   +10.78   -10.01   +06.79   +00.93   +08.25   +01.89
     +006.7   +004.7   +002.1   0048
-----------------------------------------------------------------------------------
22   +04.67   +02.71   +05.42   +09.19   -10.75   +07.06   +00.75   +06.37   +01.17
     +004.7   +003.6   +001.5   0048
-----------------------------------------------------------------------------------
23   +05.05   +02.35   +05.70   +08.04   -06.68   +06.90   +00.88   +06.55   +01.26
     +006.6   +006.1   +001.3   0087
-----------------------------------------------------------------------------------
24   +05.40   +02.03   +06.05   +07.10   -09.49   +07.97   +01.08   +07.26   +01.54
     +006.1   +005.1   +002.0   0047
-----------------------------------------------------------------------------------
25   +05.70   +01.66   +06.37   +05.89   -03.38   +07.71   +01.07   +07.30   +01.49
     +012.3   +009.8   +001.8   0087
-----------------------------------------------------------------------------------
26   +05.97   +01.46   +06.76   +05.63   -03.90   +07.86   +01.15   +07.15   +01.74
     +012.2   +009.2   +002.1   0084
-----------------------------------------------------------------------------------
27   +06.30   +01.28   +07.24   +05.18   -03.48   +08.16   +01.42   +08.13   +01.57
     +011.4   +008.1   +001.7   0128
-----------------------------------------------------------------------------------
28   +06.57   +01.12   +07.70   +04.41   -02.37   +08.22   +01.42   +06.86   +01.42
     +013.8   +008.4   +001.7   0129
-----------------------------------------------------------------------------------
29   +06.81   +01.04   +08.17   +04.06   -01.37   +09.09   +01.40   +08.96   +01.58
     +019.2   +009.4   +001.3   0170
-----------------------------------------------------------------------------------
30   +07.00   +01.01   +08.61   +04.05   -03.43   +09.29   +01.27   +07.18   +01.34
     +012.5   +008.1   +001.3   0126
-----------------------------------------------------------------------------------
31   +07.20   +00.88   +09.10   +03.32   -01.89   +09.97   +01.70   +10.80   +02.35
     +023.3   +009.5   +001.6   0141
-----------------------------------------------------------------------------------
32   +07.31   +00.81   +09.49   +02.84   -01.60   +09.73   +01.70   +10.05   +02.19
     +025.5   +009.3   +001.6   0141
-----------------------------------------------------------------------------------
33   +07.44   +00.73   +10.03   +01.89   -00.48   +10.13   +01.80   +10.81   +02.01
     +050.5   +010.1   +001.7   0140
-----------------------------------------------------------------------------------
34   +07.49   +00.72   +10.43   +01.61   -00.96   +10.68   +01.32   +09.26   +01.85
     +034.1   +006.9   +001.0   0251
-----------------------------------------------------------------------------------
35   +07.54   +00.72   +10.96   +01.33   -00.99   +11.58   +01.87   +11.93   +02.56
     +054.3   +009.4   +001.5   0145
-----------------------------------------------------------------------------------
36   +07.57   +00.68   +11.42   +00.18   -00.31   +11.68   +01.73   +12.10   +02.62
     +162.0   +009.8   +001.4   0142
-----------------------------------------------------------------------------------
37   +07.55   +00.68   +11.88   -00.28   -00.32   +11.64   +01.86   +10.93   +02.41
     +166.7   +008.8   +001.5   0142
-----------------------------------------------------------------------------------
38   +07.54   +00.67   +12.28   -01.14   +00.23   +12.12   +01.55   +11.84   +02.90
     +095.6   +009.2   +001.2   0141
-----------------------------------------------------------------------------------
39   +07.48   +00.70   +12.87   -02.52   -01.37   +13.74   +01.86   +12.18   +02.84
     +035.6   +008.2   +001.3   0140
-----------------------------------------------------------------------------------
40   +07.37   +00.67   +13.41   -03.18   -01.36   +14.12   +01.79   +11.54   +02.98
     +029.2   +007.5   +001.2   0140
-----------------------------------------------------------------------------------
41   +07.27   +00.64   +13.82   -05.38   -03.82   +15.50   +02.14   +13.90   +03.11
     +016.5   +007.7   +001.3   0140
-----------------------------------------------------------------------------------
42   +07.09   +00.53   +14.31   -06.40   -01.66   +15.96   +02.43   +11.94   +02.80
     +016.6   +006.9   +001.4   0141
```

```
-------------------------------------------------------------------
43   +06.88  +00.46  +14.83  -08.04  -00.39  +16.41  +02.10  +13.72  +03.18
     +016.1  +007.8  +001.2  0142
-------------------------------------------------------------------
44   +06.66  +00.44  +15.25  -09.19  -00.40  +17.57  +02.24  +12.87  +02.90
     +013.1  +006.9  +001.1  0142
-------------------------------------------------------------------
45   +06.44  +00.45  +15.64  -10.29  -00.40  +17.96  +02.24  +15.56  +03.67
     +014.2  +008.1  +001.2  0142
-------------------------------------------------------------------
46   +06.16  +00.47  +16.14  -10.95  -01.62  +19.01  +02.88  +15.36  +03.72
     +013.0  +007.4  +001.3  0144
-------------------------------------------------------------------
47   +05.87  +00.46  +16.64  -11.33  +01.97  +18.23  +02.82  +15.23  +03.19
     +012.3  +008.0  +001.3  0140
-------------------------------------------------------------------
48   +05.66  +00.49  +16.98  -11.96  +01.62  +19.04  +03.30  +16.68  +04.06
     +013.0  +008.4  +001.5  0141
-------------------------------------------------------------------
49   +05.26  +00.58  +17.62  -11.90  +00.67  +19.25  +02.91  +18.60  +04.46
     +014.7  +009.2  +001.5  0139
-------------------------------------------------------------------
50   +04.92  +00.64  +18.18  -10.98  +02.46  +18.72  +03.31  +16.98  +03.77
     +011.7  +007.4  +001.2  0259
-------------------------------------------------------------------
```

No.	Xcm	Ycm	Zcm	Um/s	Vm/s	Wm/s	Su	Sv	Sw
	DELxy	DELyz	DELzx	Navg					
1	-04.99	+05.00	+05.01	+13.94	+01.18	-01.31	+01.27	+03.17	+00.79
	+003.6	+017.8	+000.9	0049					
2	-04.59	+05.03	+04.97	+13.74	+01.45	-01.27	+00.99	+03.70	+00.87
	+004.3	+016.4	+001.1	0048					
3	-04.21	+05.10	+04.94	+14.42	+01.91	-01.45	+00.58	+03.30	+00.77
	+003.7	+010.4	+000.9	0048					
4	-03.82	+05.17	+04.90	+13.99	+00.64	-01.24	+01.11	+03.71	+00.76
	+004.2	+035.3	+000.9	0048					
5	-03.44	+05.19	+04.87	+15.07	+01.64	-01.27	+00.64	+03.61	+00.96
	+003.8	+012.7	+001.1	0047					
6	-03.05	+05.25	+04.84	+15.40	+02.32	-01.32	+00.73	+03.13	+00.67
	+003.2	+007.1	+000.7	0047					
7	-02.33	+05.37	+04.79	+16.78	+01.75	-01.51	+00.67	+03.60	+00.75
	+003.4	+013.9	+000.7	0048					
8	-01.66	+05.46	+04.73	+17.62	+01.25	-01.56	+00.94	+03.62	+00.87
	+003.3	+019.9	+000.8	0046					
9	-01.17	+05.51	+04.69	+18.59	+01.40	-01.68	+00.91	+03.36	+00.68
	+002.9	+016.8	+000.6	0048					
10	-00.49	+05.58	+04.63	+19.01	-00.79	-00.94	+00.92	+04.26	+00.89
	+003.6	+049.6	+000.8	0048					
11	+00.19	+05.55	+04.60	+19.57	-02.37	-00.99	+01.08	+04.31	+01.00
	+003.6	+015.7	+000.8	0046					
12	+00.76	+05.47	+04.58	+19.83	-03.08	-00.70	+01.32	+04.78	+01.18
	+003.9	+010.8	+001.0	0048					
13	+01.30	+05.40	+04.57	+19.54	-04.85	+00.39	+01.30	+04.12	+00.91
	+003.3	+002.2	+000.7	0048					
14	+01.83	+05.26	+04.59	+19.91	-03.86	+00.26	+01.41	+04.89	+01.09
	+003.9	+003.6	+000.9	0048					
15	+02.36	+05.14	+04.60	+18.31	-07.06	+01.54	+01.06	+04.92	+00.90
	+003.8	+001.7	+000.8	0048					
16	+02.81	+04.96	+04.64	+17.25	-07.21	+01.90	+01.28	+04.65	+00.98
	+003.7	+001.7	+000.9	0049					
17	+03.33	+04.73	+04.70	+16.42	-08.43	+03.02	+01.01	+04.55	+00.95
	+003.6	+001.9	+000.9	0047					
18	+03.81	+04.46	+04.79	+15.12	-08.96	+03.83	+01.01	+05.27	+00.84
	+004.2	+002.7	+000.9	0048					
19	+04.25	+04.17	+04.92	+13.73	-08.02	+04.60	+01.04	+05.75	+00.94
	+005.1	+004.2	+001.1	0047					
20	+04.66	+03.92	+05.06	+13.00	-09.29	+05.02	+00.72	+05.90	+01.14
	+004.9	+003.3	+001.3	0048					

```
----------------------------------------------------------------------
21   +05.09   +03.63   +05.25   +11.36   -08.21   +05.20   +01.00   +05.73   +01.22
     +005.4   +004.0   +001.5   0048
----------------------------------------------------------------------
22   +05.49   +03.36   +05.45   +10.37   -07.65   +05.79   +01.18   +06.40   +01.37
     +006.7   +005.2   +001.8   0047
----------------------------------------------------------------------
23   +05.93   +03.03   +05.73   +09.54   -04.50   +05.52   +00.96   +06.50   +01.34
     +009.0   +010.0   +001.9   0048
----------------------------------------------------------------------
24   +06.38   +02.79   +06.01   +08.90   -04.87   +05.91   +01.18   +06.53   +01.29
     +009.3   +009.6   +001.9   0047
----------------------------------------------------------------------
25   +06.78   +02.58   +06.30   +08.35   -04.26   +05.88   +00.97   +05.11   +01.14
     +007.8   +008.5   +001.4   0086
----------------------------------------------------------------------
26   +07.22   +02.39   +06.61   +08.68   -05.00   +06.31   +01.43   +07.22   +01.47
     +010.1   +010.0   +002.2   0048
----------------------------------------------------------------------
27   +07.64   +02.17   +06.93   +07.91   -02.59   +06.05   +01.38   +06.36   +01.26
     +009.7   +011.1   +001.8   0088
----------------------------------------------------------------------
28   +07.95   +02.06   +07.17   +07.83   -03.52   +06.23   +01.47   +06.41   +01.38
     +009.6   +010.1   +001.9   0087
----------------------------------------------------------------------
29   +08.50   +01.85   +07.60   +07.56   -02.61   +06.13   +01.20   +05.77   +01.41
     +009.9   +010.5   +001.8   0083
----------------------------------------------------------------------
30   +09.06   +01.67   +08.06   +07.03   -03.91   +06.25   +01.34   +06.26   +01.55
     +009.5   +009.0   +002.0   0086
----------------------------------------------------------------------
31   +09.56   +01.41   +08.50   +07.27   -03.56   +06.29   +01.19   +07.33   +01.64
     +009.0   +008.6   +001.7   0128
----------------------------------------------------------------------
32   +10.00   +01.20   +08.88   +06.75   -00.83   +05.72   +01.40   +07.73   +01.29
     +009.7   +011.4   +001.5   0170
----------------------------------------------------------------------
33   +10.57   +01.11   +09.37   +06.47   -01.21   +05.97   +01.45   +07.30   +01.27
     +007.5   +007.8   +001.1   0336
----------------------------------------------------------------------
34   +11.06   +01.03   +09.83   +06.49   -00.97   +06.11   +01.46   +07.62   +01.41
     +007.7   +007.9   +001.2   0340
----------------------------------------------------------------------
35   +11.57   +00.98   +10.30   +06.52   -00.33   +05.73   +01.39   +06.87   +01.22
     +007.6   +008.8   +001.1   0335
----------------------------------------------------------------------
36   +12.04   +01.00   +10.73   +06.46   -01.94   +06.04   +01.92   +08.32   +01.54
     +009.7   +009.9   +001.6   0188
----------------------------------------------------------------------
37   +12.46   +00.88   +11.12   +06.75   -00.59   +05.93   +01.25   +06.99   +01.40
     +007.3   +008.1   +001.1   0339
----------------------------------------------------------------------
38   +12.87   +00.84   +11.50   +06.63   -00.98   +05.94   +01.28   +06.69   +01.41
     +007.3   +007.8   +001.1   0337
----------------------------------------------------------------------
39   +13.27   +00.79   +11.87   +06.48   -00.92   +05.91   +01.31   +06.83   +01.33
     +007.5   +008.0   +001.1   0333
----------------------------------------------------------------------
40   +13.70   +00.73   +12.27   +06.40   -00.46   +05.99   +01.15   +07.11   +01.38
     +008.1   +008.5   +001.1   0330
----------------------------------------------------------------------
41   +14.30   +00.71   +12.83   +06.39   -00.91   +05.79   +01.52   +06.52   +01.33
     +007.0   +007.6   +001.2   0340
----------------------------------------------------------------------
42   +14.74   +00.65   +13.24   +06.55   +00.20   +05.81   +01.30   +06.89   +01.35
     +007.6   +008.7   +001.2   0336
```

No.	Xcm	Ycm	Zcm	Um/s	Vm/s	Wm/s	Su	Sv	Sw
	DELxy	DELyz	DELzx	Navg					
1	-05.00	-09.01	+10.01	+12.64	-00.60	-01.13	+00.49	+01.59	+00.37
	+002.1	+019.4	+000.5	0049					
2	-04.50	-09.03	+09.96	+13.03	-00.81	-01.34	+00.60	+01.97	+00.38
	+002.4	+019.2	+000.5	0048					
3	-04.01	-09.07	+09.92	+13.29	-00.17	-01.18	+00.42	+01.91	+00.40
	+002.3	+026.3	+000.5	0048					
4	-03.52	-09.07	+09.88	+13.65	-00.10	-01.37	+00.54	+01.92	+00.42
	+002.3	+023.0	+000.5	0048					
5	-03.02	-09.07	+09.83	+13.81	+00.16	-01.63	+00.45	+02.00	+00.41
	+002.3	+019.4	+000.5	0048					
6	-02.53	-09.06	+09.78	+14.09	-00.56	-01.29	+00.38	+01.79	+00.38
	+002.0	+020.2	+000.4	0048					
7	-01.64	-09.09	+09.69	+14.62	+00.18	-01.46	+00.50	+02.31	+00.49
	+002.6	+024.8	+000.5	0048					
8	-00.95	-09.09	+09.63	+14.98	-00.85	-01.10	+00.49	+02.15	+00.44
	+002.3	+022.5	+000.5	0048					
9	-00.38	-09.12	+09.59	+15.33	+00.75	-00.93	+00.53	+02.00	+00.46
	+002.1	+018.4	+000.5	0047					
10	+00.57	-09.11	+09.55	+15.51	+02.07	-01.20	+00.65	+02.66	+00.56
	+002.7	+007.0	+000.6	0048					
11	+01.25	-09.02	+09.50	+15.86	+01.82	-00.79	+00.78	+02.29	+00.43
	+002.3	+005.7	+000.4	0048					
12	+01.97	-08.94	+09.48	+16.20	+03.15	-00.64	+00.77	+02.26	+00.54
	+002.2	+001.7	+000.5	0049					
13	+02.58	-08.80	+09.46	+16.29	+04.02	-00.44	+00.77	+02.56	+00.58
	+002.4	+001.6	+000.6	0048					
14	+03.25	-08.62	+09.45	+16.21	+04.44	+00.01	+00.86	+02.39	+00.65
	+002.2	+002.4	+000.7	0048					
15	+03.96	-08.40	+09.46	+15.52	+05.05	+00.42	+00.59	+02.21	+00.54
	+002.1	+002.3	+000.6	0047					
16	+04.64	-08.17	+09.48	+14.80	+05.10	+01.13	+00.40	+02.20	+00.57
	+002.1	+003.0	+000.6	0048					
17	+05.25	-07.96	+09.53	+14.32	+07.11	+01.19	+00.66	+02.47	+00.61
	+002.3	+002.2	+000.7	0048					
18	+05.91	-07.64	+09.59	+13.68	+06.39	+01.85	+00.66	+02.42	+00.64
	+002.4	+002.9	+000.7	0049					
19	+06.60	-07.31	+09.69	+12.75	+06.40	+02.31	+00.76	+02.81	+00.66
	+002.9	+003.5	+000.8	0048					
20	+07.26	-06.95	+09.82	+12.02	+06.51	+02.70	+00.67	+02.74	+00.68
	+002.9	+003.6	+000.9	0048					

```
-----------------------------------------------------------------------
21   +07.89   -06.61   +09.98   +11.15   +06.41   +03.14   +00.76   +02.71   +00.49
     +003.0   +003.5   +000.7   0048
-----------------------------------------------------------------------
22   +08.44   -06.31   +10.15   +10.71   +06.80   +03.22   +00.75   +02.98   +00.47
     +003.2   +003.5   +000.7   0049
-----------------------------------------------------------------------
23   +09.17   -05.85   +10.38   +09.88   +06.09   +03.78   +00.67   +02.65   +00.64
     +003.2   +004.3   +001.0   0047
-----------------------------------------------------------------------
24   +09.86   -05.41   +10.67   +09.10   +04.93   +04.18   +00.70   +03.82   +00.71
     +005.2   +007.2   +001.2   0048
-----------------------------------------------------------------------
25   +10.49   -05.06   +10.97   +08.60   +04.74   +04.21   +00.64   +03.40   +00.68
     +004.8   +007.0   +001.1   0047
-----------------------------------------------------------------------
26   +10.99   -04.79   +11.23   +08.39   +04.99   +04.13   +00.80   +03.43   +00.84
     +005.0   +006.8   +001.4   0048
-----------------------------------------------------------------------
27   +11.65   -04.38   +11.57   +08.22   +04.23   +04.30   +00.76   +03.55   +00.74
     +005.6   +008.1   +001.3   0048
-----------------------------------------------------------------------
28   +12.20   -04.10   +11.87   +07.95   +02.80   +04.81   +00.68   +03.92   +00.99
     +007.2   +010.9   +001.6   0048
-----------------------------------------------------------------------
29   +12.70   -03.91   +12.17   +07.79   +04.24   +04.34   +01.02   +04.57   +01.14
     +007.5   +010.6   +002.0   0048
-----------------------------------------------------------------------
30   +13.37   -03.56   +12.56   +07.48   +03.05   +04.72   +00.93   +04.30   +00.96
     +008.0   +011.7   +001.8   0047
-----------------------------------------------------------------------
31   +13.95   -03.32   +12.92   +07.93   +03.51   +04.33   +01.22   +04.86   +01.30
     +008.2   +012.9   +002.3   0049
-----------------------------------------------------------------------
32   +14.61   -03.04   +13.29   +07.72   +02.42   +04.65   +01.23   +04.35   +00.94
     +008.5   +013.1   +001.8   0047
-----------------------------------------------------------------------
```

No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	+14.61 +008.8	-03.03 +013.4	+13.29 +001.8	+07.43 0047	+02.98	+04.45	+01.08	+04.74	+00.87
2	+14.20 +009.0	-03.19 +014.7	+13.04 +001.9	+07.72 0047	+01.83	+04.76	+01.01	+04.52	+01.06
3	+13.79 +008.3	-03.29 +012.2	+12.79 +001.7	+07.63 0048	+02.55	+04.68	+01.13	+04.28	+00.90
4	+13.39 +007.9	-03.41 +012.2	+12.54 +001.7	+07.51 0047	+01.92	+04.97	+00.91	+03.89	+00.97
5	+12.98 +007.1	-03.52 +010.1	+12.28 +001.7	+07.67 0048	+03.57	+04.64	+00.99	+03.98	+00.95
6	+12.59 +007.4	-03.71 +010.5	+12.04 +001.7	+07.72 0048	+03.44	+04.84	+00.98	+04.16	+00.93
7	+11.98 +006.9	-04.03 +010.4	+11.66 +001.8	+07.91 0048	+03.27	+04.95	+00.98	+03.94	+01.05
8	+11.38 +005.7	-04.30 +008.4	+11.28 +001.4	+07.83 0048	+03.51	+04.78	+00.84	+03.32	+00.77
9	+10.86 +005.1	-04.57 +007.0	+10.96 +001.2	+08.35 0049	+04.72	+04.41	+00.90	+03.49	+00.67
10	+10.42 +004.4	-04.81 +005.9	+10.72 +001.1	+08.34 0047	+05.17	+04.29	+00.70	+03.11	+00.65
11	+09.58 +004.0	-05.30 +005.4	+10.30 +001.0	+09.07 0049	+05.22	+04.37	+00.71	+02.97	+00.64
12	+08.92 +003.8	-05.72 +005.0	+10.00 +001.1	+09.95 0048	+05.91	+03.93	+00.70	+03.17	+00.70
13	+08.30 +003.2	-06.10 +004.4	+09.77 +000.8	+10.54 0047	+05.79	+03.56	+00.61	+02.68	+00.58
14	+07.76 +003.8	-06.42 +004.7	+09.60 +001.1	+11.08 0049	+06.69	+03.10	+00.52	+03.61	+00.83
15	+07.27 +003.0	-06.74 +003.2	+09.47 +001.0	+11.43 0048	+07.72	+02.68	+00.49	+03.09	+00.75
16	+06.56 +002.6	-07.23 +003.1	+09.34 +000.7	+12.84 0049	+06.33	+02.09	+00.59	+02.58	+00.56
17	+05.85 +002.5	-07.61 +002.7	+09.25 +000.8	+13.45 0048	+06.72	+01.64	+00.73	+02.52	+00.64
18	+05.16 +002.4	-07.99 +002.5	+09.19 +000.6	+14.37 0049	+05.97	+01.15	+00.84	+02.44	+00.54
19	+04.51 +002.3	-08.27 +002.2	+09.16 +000.7	+14.69 0048	+05.98	+00.69	+00.57	+02.33	+00.60
20	+03.86 +002.5	-08.53 +003.0	+09.15 +000.7	+15.24 0048	+04.37	+00.36	+00.89	+02.49	+00.63

```
-------------------------------------------------------------------------
21    +03.20   -08.72   +09.15   +15.89   +03.98   -00.11   +00.89   +02.42   +00.56
      +002.4   +002.1   +000.6   0047
-------------------------------------------------------------------------
22    +02.49   -08.88   +09.18   +15.95   +03.37   -00.54   +00.71   +02.28   +00.61
      +002.2   +001.7   +000.6   0048
-------------------------------------------------------------------------
23    +01.78   -09.00   +09.21   +15.97   +03.12   -00.78   +00.74   +02.60   +00.62
      +002.5   +002.1   +000.6   0049
-------------------------------------------------------------------------
24    +01.13   -09.12   +09.24   +15 79   +02.06   -00.67   +00.52   +02.31   +00.54
      +002.3   +003.4   +000.6   0049
-------------------------------------------------------------------------
25    +00.54   -09.18   +09.27   +15.71   +01.22   -01.11   +00.44   +02.35   +00.48
      +002.4   +013.4   +000.5   0048
-------------------------------------------------------------------------
26    -00.16   -09.24   +09.32   +15.50   -00.30   -01.09   +00.63   +02.70   +00.59
      +002.8   +039.0   +000.6   0049
-------------------------------------------------------------------------
27    -00.96   -09.21   +09.38   +14.91   +00.69   -01.43   +00.44   +02.02   +00.48
      +002.2   +017.0   +000.5   0048
-------------------------------------------------------------------------
28    -01.68   -09.23   +09.45   +14.36   +01.31   -01.54   +00.60   +02.09   +00.41
      +002.3   +011.1   +000.5   0049
-------------------------------------------------------------------------
29    -02.27   -09.29   +09.52   +14.16   -00.28   -01.10   +00.59   +01.84   +00.41
      +002.1   +026.4   +000.5   0048
-------------------------------------------------------------------------
30    -02.81   -09.29   +09.56   +13.87   +00.06   -01.34   +00.48   +01.64   +00.32
      +001.9   +019.8   +000.4   0047
-------------------------------------------------------------------------
31    -03.42   -09.31   +09.62   +13.48   -00.49   -01.25   +00.56   +01.72   +00.31
      +002.0   +020.2   +000.4   0049
-------------------------------------------------------------------------
32    -04.06   -09.30   +09.68   +13.29   -00.69   -01.06   +00.54   +01.32   +00.29
      +001.6   +015.8   +000.4   0047
-------------------------------------------------------------------------
33    -04.86   -09.24   +09.74   +12.89   -00.13   -01.14   +00.52   +01.79   +00.38
      +002.2   +025.2   +000.5   0049
-------------------------------------------------------------------------
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----------------------------------------------------------------------
FILE:SLO42

No.   Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy   DELyz   DELzx   Navg
----------------------------------------------------------------------
 1   -05.00  -07.49  +10.00  +12.43  -01.12  -01.46  +00.51  +01.75  +00.30
     +002.3  +013.5  +000.4  0047
----------------------------------------------------------------------
 2   -04.70  -07.52  +09.97  +12.56  -00.57  -01.56  +00.49  +01.86  +00.43
     +002.4  +018.1  +000.6  0049
----------------------------------------------------------------------
 3   -04.41  -07.53  +09.94  +12.68  -01.60  -01.28  +00.48  +01.73  +00.28
     +002.2  +009.8  +000.4  0049
----------------------------------------------------------------------
 4   -04.11  -07.58  +09.91  +12.83  -01.92  -01.51  +00.52  +01.96  +00.45
     +002.4  +009.8  +000.6  0048
----------------------------------------------------------------------
 5   -03.83  -07.64  +09.89  +12.97  -00.67  -01.34  +00.47  +01.48  +00.41
     +001.9  +016.2  +000.5  0047
----------------------------------------------------------------------
 6   -03.53  -07.67  +09.86  +13.33  -00.93  -01.55  +00.54  +01.75  +00.40
     +002.1  +015.0  +000.5  0047
----------------------------------------------------------------------
 7   -02.35  -07.76  +09.74  +14.14  +00.26  -01.90  +00.48  +02.34  +00.58
     +002.7  +019.3  +000.7  0047
----------------------------------------------------------------------
 8   -01.48  -07.70  +09.62  +15.47  -02.10  -01.30  +00.75  +02.54  +00.55
     +002.6  +011.4  +000.6  0048
----------------------------------------------------------------------
 9   -00.73  -07.79  +09.56  +16.04  +01.33  -01.94  +00.59  +03.31  +00.81
     +003.3  +016.2  +000.8  0049
----------------------------------------------------------------------
10   -00.12  -07.73  +09.49  +16.46  +01.30  -01.65  +00.48  +03.24  +00.87
     +003.2  +016.4  +000.9  0047
----------------------------------------------------------------------
11   +01.04  -07.62  +09.38  +17.29  +00.85  -01.12  +00.65  +04.25  +00.89
     +004.0  +035.3  +000.8  0047
----------------------------------------------------------------------
12   +01.85  -07.57  +09.34  +17.19  +03.43  -00.71  +00.72  +03.82  +00.85
     +003.5  +002.6  +000.8  0048
----------------------------------------------------------------------
13   +02.63  -07.40  +09.31  +17.30  +03.07  +00.06  +01.01  +03.57  +00.83
     +003.2  +004.7  +000.8  0048
----------------------------------------------------------------------
14   +03.24  -07.30  +09.33  +17.40  +04.88  +00.50  +00.89  +03.45  +00.72
     +003.0  +003.4  +000.7  0048
----------------------------------------------------------------------
15   +04.02  -07.07  +09.36  +15.83  +06.38  +01.12  +00.74  +03.21  +00.81
     +002.9  +003.3  +000.8  0047
----------------------------------------------------------------------
16   +04.69  -06.77  +09.42  +14.78  +08.46  +01.41  +00.94  +03.52  +00.90
     +002.9  +002.6  +001.0  0049
----------------------------------------------------------------------
17   +05.30  -06.40  +09.48  +14.07  +07.37  +02.59  +00.97  +03.24  +00.81
     +003.1  +003.6  +000.9  0047
----------------------------------------------------------------------
18   +05.88  -06.06  +09.59  +13.06  +09.01  +03.18  +00.96  +03.75  +00.87
     +003.3  +003.4  +001.0  0047
----------------------------------------------------------------------
19   +06.38  -05.69  +09.72  +11.74  +09.39  +03.63  +00.90  +02.90  +00.74
     +002.6  +002.7  +001.0  0048
----------------------------------------------------------------------
20   +06.98  -05.22  +09.92  +09.89  +07.79  +04.65  +00.85  +04.27  +00.85
     +004.4  +004.9  +001.3  0047
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21	+07.54	-04.78	+10.22	+08.47	+07.79	+05.46	+00.80	+04.24	+01.06
	+004.5	+005.4	+001.6	0048					
22	+08.09	-04.29	+10.61	+07.41	+08.80	+05.63	+00.82	+04.82	+01.02
	+004.4	+005.2	+001.6	0048					
23	+08.59	-03.78	+10.99	+06.73	+07.15	+05.88	+01.16	+04.48	+00.91
	+005.3	+006.0	+001.8	0048					
24	+09.01	-03.35	+11.35	+05.83	+07.38	+06.03	+01.15	+04.85	+01.16
	+005.4	+006.4	+002.2	0048					
25	+09.34	-02.91	+11.71	+05.26	+04.57	+07.07	+01.04	+04.79	+01.09
	+008.8	+008.7	+001.9	0048					
26	+09.68	-02.50	+12.21	+04.92	+04.79	+07.05	+01.12	+05.80	+01.15
	+009.9	+010.3	+002.1	0047					
27	+10.02	-02.04	+12.77	+04.27	+03.72	+07.63	+01.14	+05.88	+01.68
	+010.7	+009.2	+001.9	0086					
28	+10.29	-01.72	+13.35	+03.63	+03.59	+07.53	+01.34	+05.25	+01.17
	+010.3	+008.5	+002.0	0088					
29	+10.54	-01.47	+13.91	+03.54	+02.13	+08.11	+01.08	+05.81	+01.36
	+014.1	+008.4	+001.5	0126					
30	+10.79	-01.32	+14.50	+03.29	+02.06	+08.51	+01.18	+06.68	+01.26
	+016.0	+008.6	+001.5	0125					
31	+11.01	-01.20	+15.14	+02.37	+01.27	+08.92	+01.09	+07.00	+01.68
	+026.2	+008.7	+001.5	0126					
32	+11.18	-01.15	+15.77	+02.07	+03.09	+08.87	+01.36	+07.23	+01.41
	+011.0	+007.7	+001.5	0169					
33	+11.30	-00.98	+16.35	+01.66	+02.70	+09.25	+01.11	+06.52	+01.38
	+012.3	+007.3	+001.2	0162					
34	+11.37	-00.84	+16.84	+00.83	+02.08	+09.50	+01.26	±07.09	+01.41
	+013.4	+007.9	+001.3	0164					
35	+11.40	-00.66	+17.56	+00.10	-02.50	+11.13	+01.41	+08.77	+02.02
	+006.8	+008.3	+001.5	0093					
36	+11.37	-00.78	+18.26	-00.56	+01.54	+10.90	+01.35	+07.09	+01.57
	+018.0	+007.1	+001.2	0166					
37	+11.32	-00.74	+18.90	-01.01	+01.99	+11.33	+01.49	+09.50	+02.01
	+022.9	+009.7	+001.5	0094					
38	+11.25	-00.65	+19.49	-01.62	-00.70	+12.12	+01.71	+09.31	+02.09
	+057.0	+008.8	+001.6	0094					
39	+11.18	-00.67	+19.98	-02.29	+01.06	+12.43	+01.48	+07.68	+01.75
	+033.3	+007.3	+001.2	0164					

No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	-05.00 +001.9	-04.99 +008.9	+10.01 +000.5	+11.80 0097	-01.49	-01.71	+00.60	+02.03	+00.49
2	-04.70 +002.2	-05.03 +009.2	+09.96 +000.5	+12.01 0097	-01.71	-01.69	+00.55	+02.37	+00.48
3	-04.41 +002.4	-05.06 +007.1	+09.93 +000.6	+12.14 0097	-02.46	-01.56	+00.63	+02.59	+00.59
4	-04.12 +002.5	-05.13 +011.5	+09.90 +000.5	+12.34 0096	-01.45	-01.96	+00.58	+02.71	+00.57
5	-03.83 +002.3	-05.16 +007.7	+09.85 +000.5	+12.53 0095	-02.34	-02.08	+00.64	+02.59	+00.60
6	-03.55 +002.5	-05.21 +005.9	+09.81 +000.6	+12.72 0096	-03.24	-01.87	+00.69	+02.96	+00.64
7	-02.79 +002.7	-05.38 +007.2	+09.69 +000.6	+13.71 0095	-03.20	-02.09	+00.89	+03.42	+00.73
8	-02.21 +003.0	-05.55 +006.4	+09.60 +000.8	+14.73 0094	-04.11	-01.96	+00.76	+04.10	+00.99
9	-01.90 +003.2	-05.65 +006.6	+09.56 +000.7	+15.55 0096	-04.35	-02.06	+00.93	+04.72	+01.01
10	-01.47 +003.2	-05.79 +009.3	+09.51 +000.7	+16.08 0094	-03.26	-02.07	+01.11	+04.56	+00.96
11	-00.86 +003.8	-05.97 +017.1	+09.44 +000.8	+17.41 0096	-02.32	-02.41	+01.09	+05.97	+01.23
12	-00.57 +003.5	-06.02 +026.5	+09.41 +000.9	+17.69 0095	+00.14	-02.28	+01.09	+05.37	+01.32
13	-00.23 +004.2	-06.03 +035.5	+09.37 +000.9	+18.71 0095	-00.57	-02.14	+01.16	+06.81	+01.42
14	+00.27 +004.0	-06.02 +036.3	+09.32 +001.0	+20.07 0095	-00.99	-01.96	+01.29	+07.03	+01.75
15	+00.76 +004.4	-06.03 +060.1	+09.28 +000.8	+20.72 0096	-00.02	-01.52	+01.25	+07.98	+01.50
16	+01.09 +004.8	-06.03 +055.2	+09.26 +001.1	+21.52 0096	+00.67	-01.35	+01.45	+08.95	+02.07
17	+01.39 +003.9	-06.03 +007.5	+09.25 +000.9	+21.45 0096	+02.55	-01.02	+01.54	+07.32	+01.72
18	+02.11 +004.4	-05.95 +003.7	+09.24 +001.0	+20.47 0096	+04.53	-00.31	+01.75	+08.29	+01.86
19	+02.65 +004.4	-05.79 +005.7	+09.24 +001.2	+20.38 0096	+06.03	+00.86	+01.85	+08.28	+02.06
20	+03.05 +004.5	-05.63 +005.9	+09.26 +001.2	+19.76 0094	+06.94	+01.58	+01.74	+08.49	+02.07

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-------------------------------------------------------------------------
21    +03 49   -05.46   +09 30   +18.25   +09.29   +02.24   +01.58   +07.59   +01.66
      +003.9   +003.9   +001.1   0093
-------------------------------------------------------------------------
22    +03.92   -05.23   +09.35   +17.00   +09.80   +03.21   +01.76   +08.35   +01.86
      +004.3   +004.6   +001.2   0094
-------------------------------------------------------------------------
23    +04.39   -04.93   +09.45   +14.13   +10.45   +04.48   +01.50   +08.24   +01.85
      +004.4   +004.8   +001.4   0094
-------------------------------------------------------------------------
24    +04.79   -04.60   +09.58   +12.53   +14.12   +05.21   +01.89   +08.94   +02.15
      +003.8   +003.7   +001.8   0094
-------------------------------------------------------------------------
25    +05.25   -04.18   +09.77   +09.75   +10.70   +07.33   +01.64   +07.59   +02.01
      +004.2   +005.1   +001.8   0096
-------------------------------------------------------------------------
26    +05.52   -03.86   +09.96   +07.92   +11.92   +07.78   +01.64   +08.57   +02.24
      +004.0   +005.1   +002.0   0094
-------------------------------------------------------------------------
27    +05.79   -03.38   +10.26   +06.06   +09.40   +08.47   +01.32   +07.69   +01.94
      +004.5   +005.7   +001.7   0095
-------------------------------------------------------------------------
28    +06.04   -02.94   +10.62   +03.86   +12.59   +09.41   +01.76   +09.64   +01.77
      +002.9   +005.1   +002.0   0095
-------------------------------------------------------------------------
29    +06.16   -02.45   +11.01   +01.29   +10.42   +10.39   +01.65   +08.37   +02.04
      +002.1   +005.5   +001.8   0096
-------------------------------------------------------------------------
30    +06.18   -02.08   +11.35   +00.46   +06.03   +11.46   +01.87   +10.12   +02.52
      +003.8   +008.8   +001.9   0096
-------------------------------------------------------------------------
31    +06.14   -01.74   +11.79   -01.10   +06.71   +11.95   +01.99   +09.03   +02.13
      +004.1   +007.3   +001.9   0096
-------------------------------------------------------------------------
32    +06.05   -01.45   +12.22   -02.70   +04.21   +13.18   +01.96   +10.59   +02.64
      +013.7   +009.0   +001.7   0094
-------------------------------------------------------------------------
33    +05.96   -01.33   +12.58   -04.73   +05.56   +13.72   +02.25   +11.84   +02.66
      +012.5   +009.2   +001.8   0095
-------------------------------------------------------------------------
34    +05.82   -01.19   +12.93   -06.01   +03.60   +14.40   +01.58   +09.96   +02.47
      +012.3   +006.7   +001.1   0170
-------------------------------------------------------------------------
35    +05.62   -01.09   +13.38   -07.51   +03.82   +15.24   +02.38   +12.98   +02.98
      +015.7   +009.7   +001.7   0096
-------------------------------------------------------------------------
36    +05.39   -01.01   +13.83   -09.02   +05.12   +15.49   +02.26   +14.11   +03.22
      +013.9   +010.0   +001.7   0094
-------------------------------------------------------------------------
37    +05.17   -00.90   +14.20   -10.56   +01.57   +16.29   +01.83   +12.16   +02.04
      +011.1   +007.7   +001.0   0168
-------------------------------------------------------------------------
38    +04.99   -00.87   +14.47   -11.36   -00.95   +17.42   +02.24   +12.49   +02.68
      +010.8   +007.0   +001.1   0172
-------------------------------------------------------------------------
39    +04.81   -00.88   +14.73   -11.64   -01.75   +17.44   +02.01   +13.94   +02.64
      +010.6   +007.1   +001.0   0173
-------------------------------------------------------------------------
40    +04.45   -00.95   +15.25   -12.60   -01.78   +18.29   +02.24   +16.95   +03.15
      +012.1   +008.4   +001.1   0173
-------------------------------------------------------------------------
41    +04.15   -01.04   +15.68   -11.84   -08.68   +19.90   +02.67   +20.61   +04.05
      +013.0   +009.5   +001.5   0096
-------------------------------------------------------------------------
42    +03.96   -01.19   +15.98   -12.93   -05.86   +18.77   +02.48   +18.91   +03.74
      +010.7   +007.7   +001.2   0178
```

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-----------------------------------------------------------------------------
43   +03.66   -01.34   +16.42   -12.80   -11.50   +20.12   +03.44   +21.80   +04.89
     +011.1   +008.5   +001.9   0095
-----------------------------------------------------------------------------
44   +03.40   -01.61   +16.83   -12.91   -17.44   +20.98   +03.86   +23.28   +05.12
     +007.6   +006.5   +002.0   0095
-----------------------------------------------------------------------------
45   +03.17   -01.94   +17.20   -12.29   -18.47   +22.58   +04.59   +27.09   +05.56
     +008.0   +007.2   +002.2   0096
-----------------------------------------------------------------------------
46   +02.97   -02.27   +17.56   -12.36   -18.02   +23.67   +04.04   +27.29   +05.95
     +008.4   +007.3   +002.0   0095
-----------------------------------------------------------------------------
47   +02.78   -02.58   +17.92   -12.17   -22.56   +25.81   +05.29   +32.11   +06.37
     +007.2   +007.1   +002.2   0097
-----------------------------------------------------------------------------
48   +02.66   -02.78   +18.17   -11.73   -26.92   +28.33   +04.56   +28.28   +05.39
     +004.7   +005.3   +001.8   0096
-----------------------------------------------------------------------------
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No.	Xcm	Ycm	Zcm	Um/s	Vm/s	Wm/s	Su	Sv	Sw
	DELxy	DELyz	DELzx	Navg					
1	-05.00	-04.99	+10.01	+12.86	-01.59	-01.97	+00.67	+02.17	+00.47
	+002.7	+012.3	+000.6	0048					
2	-04.70	-05.03	+09.96	+12.92	-01.34	-02.13	+00.68	+02.94	+00.56
	+003.6	+017.7	+000.7	0048					
3	-04.42	-05.05	+09.92	+12.90	-01.46	-02.12	+00.72	+02.56	+00.46
	+003.2	+014.8	+000.6	0047					
4	-04.13	-05.08	+09.87	+13.17	-02.15	-02.28	+00.51	+02.87	+00.67
	+003.5	+012.6	+000.8	0048					
5	-03.65	-05.15	+09.79	+13.49	-03.13	-02.50	+00.76	+03.63	+00.74
	+004.1	+010.8	+000.9	0048					
6	-03.18	-05.26	+09.71	+14.18	-02.24	-02.70	+00.83	+03.91	+00.88
	+004.3	+016.2	+001.0	0048					
7	-02.50	-05.40	+09.58	+14.74	-03.27	-02.94	+01.18	+04.07	+00.91
	+004.3	+012.2	+001.0	0047					
8	-01.95	-05.52	+09.47	+15.81	-02.47	-03.21	+01.30	+05.12	+01.35
	+005.2	+018.8	+001.4	0048					
9	-01.37	-05.63	+09.35	+17.19	-01.94	-03.58	+01.28	+06.02	+01.64
	+005.6	+023.5	+C01.5	0048					
10	-00.83	-05.70	+09.24	+18.71	-03.05	-03.14	+01.36	+06.96	+01.46
	+005.8	+021.7	+001.2	0049					
11	-00.07	-05.83	+09.12	+21.03	+00.70	-03.66	+01.82	+09.64	+02.48
	+007.4	+039.5	+001.9	0048					
12	+00.72	-05.78	+08.98	+24.77	+01.90	-03.17	+02.64	+09.19	+02.38
	+006.1	+030.7	+001.5	0047					
13	+01.43	-05.69	+08.90	+26.00	+05.79	-03.01	+01.72	+13.91	+03.74
	+008.2	+010.1	+002.3	0048					
14	+02.09	-05.51	+08.84	+26.99	+01.32	-00.34	+02.48	+15.23	+03.45
	+009.1	+029.6	+002.1	0047					
15	+02.75	-05.43	+08.84	+26.41	+07.21	+00.24	+02.94	+12.98	+03.28
	+007.4	+008.3	+002.0	0047					
16	+03.28	-05.27	+08.85	+25.17	+19.97	-00.48	+02.76	+13.67	+03.97
	+005.5	+003.0	+002.6	0047					
17	+03.94	-04.82	+08.85	+21.69	+17.06	+04.14	+03.76	+14.57	+03.27
	+007.0	+005.8	+002.4	0047					
18	+04.43	-04.39	+08.94	+17.09	+15.66	+07.20	+03.11	+14.80	+03.92
	+007.9	+008.8	+003.3	0047					
19	+04.85	-03.92	+09.11	+12.66	+16.58	+08.64	+02.41	+13.41	+03.39
	+006.6	+007.7	+003.3	0047					
20	+05.26	-03.40	+09.43	+07.79	+18.58	+10.64	+02.43	+13.84	+02.50
	+004.7	+006.6	+003.0	0048					

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----------------------------------------------------------------------
21    +05.48   -02.90   +09.78   +04.13   +13.23   +13.90   +02.26   +12.85   +03.01
      +005.2   +009.4   +002.6   0047
----------------------------------------------------------------------
22    +05.58   -02.20   +10.39   -01.06   +11.09   +17.97   +02.63   +13.53   +03.36
      +004.2   +010.0   +002.4   0048
----------------------------------------------------------------------
23    +05.42   -01.72   +11.04   -04.47   +11.23   +18.00   +02.34   +11.00   +02.65
      +005.6   +007.5   +001.6   0085
----------------------------------------------------------------------
24    +05.16   -01.30   +11.62   -08.71   +11.49   +18.99   +02.43   +12.35   +03.02
      +007.1   +007.0   +001.6   0087
----------------------------------------------------------------------
25    +04.86   -00.97   +12.10   -10.32   +03.22   +20.68   +01.77   +12.30   +03.08
      +014.9   +008.1   +001.3   0086
----------------------------------------------------------------------
26    +04.56   -00.90   +12.57   -12.55   +00.94   +21.03   +02.15   +13.19   +03.24
      +013.9   +008.1   +001.3   0088
----------------------------------------------------------------------
27    +04.20   -00.90   +13.12   -13.13   +08.26   +20.32   +03.18   +14.53   +02.33
      +010.6   +008.9   +001.5   0086
----------------------------------------------------------------------
28    +03.87   -00.76   +13.63   -12.57   -03.46   +21.72   +03.01   +15.71   +02.81
      +016.3   +009.5   +001.6   0086
----------------------------------------------------------------------
29    +03.56   -00.87   +14.15   -12.53   -00.26   +20.91   +02.76   +17.22   +03.77
      +015.5   +009.2   +001.4   0126
----------------------------------------------------------------------
30    +03.22   -00.90   +14.71   -10.85   -00.63   +20.89   +04.11   +20.43   +04.85
      +019.1   +009.9   +001.7   0171
----------------------------------------------------------------------
31    +02.87   -00.95   +15.39   -11.02   +02.02   +23.27   +04.73   +24.74   +06.21
      +019.7   +009.4   +001.6   0213
----------------------------------------------------------------------
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FILE:SL045

No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	-04.99 +003.6	-03.99 +014.2	+10.00 +000.9	+12.25 0048	-01.91	-02.13	+00.57	+02.86	+00.69
2	-04.70 +003.0	-04.03 +011.1	+09.95 +000.7	+12.15 0047	-01.84	-02.38	+00.63	+02.25	+00.53
3	-04.42 +003.5	-04.09 +009.4	+09.90 +000.8	+12.66 0048	-03.03	-02.23	+00.70	+02.94	+00.64
4	-04.14 +003.1	-04.16 +006.8	+09.86 +000.7	+12.71 0047	-03.54	-02.14	+00.58	+02.63	+00.52
5	-03.86 +003.9	-04.23 +012.8	+09.81 +000.9	+12.70 0049	-02.42	-02.48	+00.83	+03.22	+00.75
6	-03.57 +003.9	-04.29 +010.8	+09.76 +001.0	+12.82 0048	-02.97	-02.78	+00.90	+03.23	+00.80
7	-02.79 +005.7	-04.49 +015.1	+09.60 +001.4	+13.54 0048	-03.24	-03.33	+01.14	+05.03	+01.24
8	-02.30 +006.0	-04.59 +013.2	+09.47 +001.7	+13.84 0047	-04.35	-03.35	+01.40	+05.62	+01.42
9	-01.57 +006.9	-04.80 +020.4	+09.29 +001.9	+15.35 0085	-02.94	-04.13	+02.02	+07.76	+02.32
10	-00.92 +007.8	-04.94 +030.2	+09.11 +002.1	+18.61 0089	-00.32	-04.66	+02.70	+10.88	+03.21
11	-00.43 +009.6	-04.94 +042.1	+08.99 +002.4	+21.05 0089	-02.41	-03.89	+02.81	+15.65	+04.10
12	+00.08 +008.2	-04.98 +048.3	+08.89 +002.2	+24.12 0086	-00.68	-04.15	+03.32	+15.36	+04.62
13	+00.76 +009.4	-04.98 +114.3	+08.79 +002.4	+27.91 0089	-00.92	-02.15	+03.52	+19.40	+05.02
14	+01.40 +007.8	-04.96 +585.5	+08.76 +002.2	+29.92 0129	-00.02	+00.38	+03.30	+21.41	+05.41
15	+01.93 +008.8	-04.96 +092.2	+08.79 +002.4	+32.00 0088	+00.26	+03.04	+03.05	+23.62	+06.40
16	+02.63 +009.3	-04.95 +036.3	+08.88 +002.5	+30.51 0084	+04.92	+03.97	+03.03	+19.24	+04.61
17	+03.12 +008.7	-04.86 +025.0	+08.96 +002.2	+29.44 0090	+06.36	+06.63	+03.76	+20.04	+05.15
18	+03.72 +008.9	-04.71 +010.5	+09.11 +003.1	+26.21 0046	+15.79	+05.55	+03.64	+18.71	+05.08
19	+04.30 +009.2	-04.33 +014.7	+09.25 +002.5	+23.10 0086	+10.28	+11.05	+03.66	+19.33	+05.06
20	+04.84 +009.2	-04.03 +011.1	+09.51 +002.3	+16.17 0126	+10.92	+13.42	+02.71	+20.52	+05.77

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-----------------------------------------------------------------------------
21   +05.31   -03.64   +09.84   +09.29   +17.20   +15.12   +02.91   +20.04   +05.24
     +005.5   +007.6   +002.3   0134
-----------------------------------------------------------------------------
22   +05.55   -03.12   +10.28   +03.31   +22.05   +16.04   +03.51   +21.23   +04.13
     +003.5   +009.1   +003.5   0047
-----------------------------------------------------------------------------
23   +05.60   -02.45   +10.87   -03.55   +17.86   +19.49   +02.66   +17.99   +04.17
     +003.8   +009.6   +002.3   0048
-----------------------------------------------------------------------------
24   +05.42   -01.89   +11.41   -08.12   +13.64   +22.01   +02.79   +15.68   +04.38
     +006.9   +007.7   +001.6   0088
-----------------------------------------------------------------------------
25   +05.09   -01.43   +11.97   -10.07   +11.36   +22.02   +02.73   +15.49   +02.46
     +008.9   +007.9   +001.4   0086
-----------------------------------------------------------------------------
26   +04.77   -01.13   +12.45   -05.81   +08.90   +12.53   +01.80   +15.78   +03.38
     +008.1   +009.4   +001.7   0166
-----------------------------------------------------------------------------
27   +04.61   -00.89   +12.74   -12.14   +03.23   +20.05   +02.23   +16.40   +03.14
     +010.3   +006.7   +000.9   0188
-----------------------------------------------------------------------------
28   +04.43   -00.92   +12.99   -12.45   +04.49   +21.33   +02.63   +20.34   +04.58
     +011.8   +007.7   +001.1   0189
-----------------------------------------------------------------------------
29   +04.38   -00.90   +13.08   -12.58   -00.72   +22.41   +03.09   +17.79   +04.33
     +011.5   +006.4   +001.1   0190
-----------------------------------------------------------------------------
30   +04.15   -00.94   +13.51   -13.35   +01.66   +21.52   +03.08   +18.82   +04.04
     +011.4   +007.2   +001.1   0188
-----------------------------------------------------------------------------
31   +03.93   -00.96   +13.88   -12.36   +02.33   +20.99   +03.15   +20.79   +04.90
     +013.3   +008.1   +001.2   0191
-----------------------------------------------------------------------------
32   +03.76   -00.93   +14.18   -12.74   -02.12   +21.41   +03.62   +20.69   +04.63
     +012.9   +007.7   +001.3   0189
-----------------------------------------------------------------------------
33   +03.61   -00.95   +14.44   -11.58   -05.13   +21.39   +03.99   +21.02   +04.86
     +012.5   +007.3   +001.4   0190
-----------------------------------------------------------------------------
34   +03.29   -01.08   +15.03   -10.63   -06.42   +22.42   +05.17   +26.48   +06.30
     +015.0   +008.4   +001.8   0190
-----------------------------------------------------------------------------
35   +03.09   -01.24   +15.44   -09.80   -04.81   +22.32   +05.82   +28.78   +07.31
     +019.3   +009.5   +002.0   0192
-----------------------------------------------------------------------------
36   +02.92   -01.35   +15.85   -09.38   -07.93   +25.18   +06.46   +28.18   +06.60
     +014.6   +007.9   +002.0   0188
-----------------------------------------------------------------------------
37   +02.81   -01.44   +16.15   -09.39   -01.29   +26.02   +05.77   +32.77   +07.63
     +028.1   +010.1   +001.8   0189
-----------------------------------------------------------------------------
38   +02.71   -01.44   +16.44   -10.87   -03.68   +28.74   +05.91   +34.96   +08.30
     +023.7   +009.5   +001.7   0189
-----------------------------------------------------------------------------
39   +02.55   -01.46   +16.89   -09.49   +00.79   +32.35   +06.84   +37.34   +08.48
     +031.7   +009.4   +001.7   0192
-----------------------------------------------------------------------------
40   +02.44   -01.42   +17.32   -09.42   +07.62   +35.53   +05.06   +43.28   +09.77
     +022.5   +009.8   +001.2   0191
-----------------------------------------------------------------------------
41   +02.34   -01.28   +17.72   -09.43   +13.06   +39.14   +06.30   +44.94   +09.93
     +013.4   +008.8   +001.3   0193
-----------------------------------------------------------------------------
```

```
--------------------------------------------------------------------------------
FILE:SL046

No.   Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
      DELxy   DELyz   DELzx   Navg

--------------------------------------------------------------------------------
 1    -05.00  +04.00  +10.00  +11.97  +02.57  -01.79  +00.70  +03.03  +00.73
      +003.9  +006.6  +001.0  0048
--------------------------------------------------------------------------------
 2    -04.71  +04.06  +09.95  +12.01  +02.75  -01.86  +00.56  +02.77  +00.55
      +003.6  +006.3  +000.7  0047
--------------------------------------------------------------------------------
 3    -04.42  +04.15  +09.91  +12.12  +02.47  -01.98  +00.89  +03.23  +00.66
      +004.2  +008.5  +000.9  0049
--------------------------------------------------------------------------------
 4    -04.14  +04.23  +09.86  +12.10  +02.80  -02.14  +00.66  +03.27  +00.69
      +004.2  +007.4  +000.9  0048
--------------------------------------------------------------------------------
 5    -03.86  +04.30  +09.81  +12.46  +03.74  -02.14  +00.85  +03.18  +00.69
      +003.9  +004.4  +000.9  0047
--------------------------------------------------------------------------------
 6    -03.58  +04.41  +09.77  +12.72  +01.54  -02.02  +00.93  +04.48  +01.01
      +005.6  +019.6  +001.3  0049
--------------------------------------------------------------------------------
 7    -02.88  +04.51  +09.65  +13.48  +04.58  -02.63  +01.30  +05.56  +01.33
      +006.1  +006.0  +001.6  0048
--------------------------------------------------------------------------------
 8    -02.60  +04.62  +09.60  +14.27  +05.70  -02.53  +01.03  +07.16  +01.79
      +007.0  +004.7  +002.0  0048
--------------------------------------------------------------------------------
 9    -02.12  +04.83  +09.51  +15.42  +07.98  -03.57  +01.25  +08.18  +01.64
      +006.8  +004.5  +001.7  0048
--------------------------------------------------------------------------------
10    -01.54  +05.20  +09.38  +16.77  +04.63  -02.83  +01.04  +08.35  +01.99
      +007.6  +009.4  +001.9  0047
--------------------------------------------------------------------------------
11    -00.95  +05.43  +09.27  +17.68  +05.33  -03.50  +00.90  +08.56  +02.01
      +007.3  +008.8  +001.8  0048
--------------------------------------------------------------------------------
12    -00.48  +05.59  +09.18  +18.22  +01.76  -02.82  +01.16  +10.85  +02.17
      +009.7  +041.8  +001.9  0046
--------------------------------------------------------------------------------
13    +00.26  +05.64  +09.06  +20.73  +05.51  -03.63  +01.53  +12.80  +02.76
      +009.4  +013.3  +002.1  0048
--------------------------------------------------------------------------------
14    +00.89  +05.76  +08.96  +21.52  -01.52  -02.51  +01.36  +11.25  +02.23
      +008.6  +059.4  +001.7  0047
--------------------------------------------------------------------------------
15    +01.44  +05.71  +08.90  +22.44  +01.85  -03.15  +01.43  +09.87  +02.33
      +006.7  +032.3  +001.5  0087
--------------------------------------------------------------------------------
16    +02.10  +05.73  +08.82  +22.62  -04.04  -01.07  +01.68  +12.73  +02.77
      +008.8  +021.9  +002.0  0048
--------------------------------------------------------------------------------
17    +02.67  +05.62  +08.80  +22.21  -05.07  -01.03  +01.40  +11.31  +02.54
      +006.9  +012.1  +001.6  0086
--------------------------------------------------------------------------------
18    +03.32  +05.43  +08.79  +20.50  -09.09  +00.88  +01.28  +09.95  +02.32
      +006.6  +002.9  +001.8  0048
--------------------------------------------------------------------------------
19    +03.92  +05.15  +08.83  +18.53  -14.43  +02.65  +01.46  +12.34  +02.61
      +006.8  +001.9  +002.2  0048
--------------------------------------------------------------------------------
20    +04.40  +04.70  +08.91  +17.26  -12.00  +04.61  +02.40  +11.22  +02.66
      +007.2  +003.2  +002.4  0048

                                    201
```

```
--------------------------------------------------------------------------------
21   +04.89  +04.29  +09.04  +13.91  -15.46  +06.51  +01.76  +09.22  +01.82
     +004.9  +002.7  +001.9  0046
--------------------------------------------------------------------------------
22   +05.39  +03.78  +09.31  +10.59  -16.32  +08.68  +01.49  +11.38  +03.11
     +005.2  +002.9  +003.0  0048
--------------------------------------------------------------------------------
23   +05.75  +03.32  +09.60  +07.43  -10.00  +09.26  +01.55  +09.82  +02.31
     +007.8  +006.5  +002.5  0047
--------------------------------------------------------------------------------
24   +06.09  +02.90  +10.05  +04.36  -09.36  +10.10  +02.09  +10.62  +02.44
     +007.7  +007.8  +003.1  0047
--------------------------------------------------------------------------------
25   +06.27  +02.35  +10.67  +02.59  -09.86  +12.31  +01.82  +12.52  +02.95
     +005.7  +008.6  +002.4  0048
--------------------------------------------------------------------------------
26   +06.31  +01.85  +11.29  -00.68  -07.24  +13.90  +02.21  +11.02  +02.74
     +004.5  +007.8  +002.0  0086
--------------------------------------------------------------------------------
27   +06.20  +01.52  +11.88  -03.35  -06.42  +15.60  +02.19  +11.68  +02.89
     +011.6  +008.5  +001.7  0085
--------------------------------------------------------------------------------
28   +06.01  +01.29  +12.45  -06.30  -08.81  +17.45  +03.48  +14.38  +02.93
     +013.3  +010.0  +003.0  0048
--------------------------------------------------------------------------------
29   +05.76  +01.02  +12.98  -07.80  -05.30  +18.21  +02.92  +15.48  +04.41
     +018.2  +009.5  +002.1  0089
--------------------------------------------------------------------------------
30   +05.49  +00.88  +13.50  -09.86  -00.55  +18.48  +02.62  +13.63  +02.90
     +015.4  +008.2  +001.5  0127
--------------------------------------------------------------------------------
31   +05.20  +00.88  +13.99  -12.09  -00.69  +19.51  +02.52  +12.89  +03.34
     +013.3  +008.0  +001.5  0123
--------------------------------------------------------------------------------
32   +04.82  +00.90  +14.59  -11.50  +05.17  +19.02  +02.85  +12.91  +02.55
     +014.1  +010.1  +001.7  0084
--------------------------------------------------------------------------------
33   +04.45  +01.14  +15.18  -12.17  -00.96  +21.40  +02.96  +17.86  +04.08
     +014.9  +008.6  +001.5  0124
--------------------------------------------------------------------------------
34   +04.10  +01.18  +15.76  -11.15  +02.79  +21.62  +04.17  +19.03  +04.52
     +015.7  +008.7  +001.8  0130
--------------------------------------------------------------------------------
35   +03.84  +01.28  +16.26  -10.93  +08.54  +20.74  +04.56  +20.63  +05.16
     +012.4  +009.6  +002.1  0129
--------------------------------------------------------------------------------
36   +03.62  +01.45  +16.70  -09.63  +09.84  +22.01  +04.71  +25.90  +06.75
     +011.4  +008.9  +001.9  0177
--------------------------------------------------------------------------------
37   +03.35  +01.73  +17.35  -08.58  +14.50  +24.26  +05.15  +32.85  +08.82
     +008.9  +009.4  +002.0  0175
--------------------------------------------------------------------------------
38   +03.17  +02.12  +17.88  -07.42  +02.88  +30.55  +06.14  +30.80  +08.11
     +035.8  +009.3  +001.8  0169
--------------------------------------------------------------------------------
39   +03.04  +02.25  +18.49  -07.76  -01.09  +34.89  +05.58  +31.74  +07.25
     +045.3  +009.8  +001.7  0132
--------------------------------------------------------------------------------
40   +02.95  +02.24  +18.98  -05.18  +14.10  +38.33  +05.71  +42.98  +10.37
     +008.9  +008.9  +001.5  0182
--------------------------------------------------------------------------------
41   +02.89  +02.42  +19.59  -05.74  +27.92  +38.89  +06.78  +48.32  +09.59
     +003.3  +007.4  +001.4  0191
--------------------------------------------------------------------------------
42   +02.84  +02.74  +20.08  -04.87  +29.64  +42.46  +06.95  +47.64  +10.92
     +002.7  +006.9  +001.4  0192
```

43	+02.80	+03.13	+20.56	-04.21	+41.04	+43.67	+07.24	+48.05	+11.01
	+001.7	+005.5	+001.3	0193					
44	+02.78	+03.63	+20.95	-03.27	+53.53	+42.99	+07.44	+53.32	+12.48
	+001.2	+004.8	+001.4	0195					
45	+02.77	+04.08	+21.24	-01.06	+47.50	+44.20	+08.67	+53.69	+10.99
	+001.5	+005.3	+001.6	0195					
46	+02.78	+04.53	+21.59	+01.14	+39.14	+45.76	+07.69	+46.56	+12.09
	+002.6	+008.1	+002.1	0092					
47	+02.80	+04.93	+22.00	+03.89	+54.42	+41.98	+07.83	+52.92	+12.40
	+002.0	+007.1	+002.3	0093					
48	+02.83	+05.41	+22.37	+05.23	+60.27	+39.99	+09.43	+49.70	+12.15
	+002.8	+008.2	+003.8	0048					
49	+02.89	+06.02	+22.80	+09.71	+44.44	+38.73	+07.32	+45.52	+10.48
	+004.4	+009.9	+003.0	0048					

```
-------------------------------------------------------------------------
FILE:SL047

No.  Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
     DELxy   DELyz   DELzx   Navg
-------------------------------------------------------------------------
 1   -05.00  +05.00  +10.00  +12.04  +01.52  -01.49  +00.57  +01.88  +00.39
     +001.8  +006.0  +000.4  0096
-------------------------------------------------------------------------
 2   -04.70  +05.04  +09.97  +12.26  +03.29  -01.81  +00.57  +01.99  +00.44
     +001.8  +002.2  +000.4  0095
-------------------------------------------------------------------------
 3   -04.42  +05.13  +09.92  +12.51  +02.74  -01.77  +00.50  +02.32  +00.43
     +002.0  +003.7  +000.4  0095
-------------------------------------------------------------------------
 4   -04.13  +05.21  +09.89  +12.67  +02.24  -01.78  +00.88  +02.38  +00.41
     +002.9  +007.2  +000.5  0049
-------------------------------------------------------------------------
 5   -03.84  +05.29  +09.85  +12.78  +02.23  -01.95  +00.63  +02.63  +00.53
     +003.2  +007.9  +000.7  0049
-------------------------------------------------------------------------
 6   -03.56  +05.35  +09.80  +12.90  +02.31  -01.98  +00.79  +03.54  +00.87
     +004.3  +009.5  +001.1  0049
-------------------------------------------------------------------------
 7   -03.00  +05.43  +09.72  +13.63  +01.81  -01.76  +00.77  +03.04  +00.45
     +003.5  +012.5  +000.5  0048
-------------------------------------------------------------------------
 8   -02.49  +05.49  +09.65  +14.36  +02.78  -02.01  +00.82  +03.78  +00.92
     +004.2  +007.9  +001.0  0048
-------------------------------------------------------------------------
 9   -02.16  +05.56  +09.61  +14.69  +03.95  -02.38  +00.81  +03.94  +00.86
     +004.1  +005.4  +000.9  0048
-------------------------------------------------------------------------
10   -01.81  +05.66  +09.55  +14.94  +02.43  -02.22  +01.08  +05.12  +01.01
     +005.5  +014.4  +001.1  0048
-------------------------------------------------------------------------
11   -01.51  +05.73  +09.51  +15.98  +01.33  -02.12  +00.86  +05.63  +01.09
     +005.7  +028.3  +001.1  0048
-------------------------------------------------------------------------
12   -00.96  +05.81  +09.43  +16.84  -00.15  -01.65  +01.05  +07.04  +01.54
     +006.7  +070.4  +001.5  0048
-------------------------------------------------------------------------
13   -00.56  +05.82  +09.40  +17.59  -01.25  -01.91  +00.91  +07.85  +01.61
     +007.2  +052.1  +001.5  0047
-------------------------------------------------------------------------
14   -00.06  +05.76  +09.35  +18.65  +01.68  -02.71  +01.35  +07.68  +01.62
     +006.8  +030.3  +001.4  0047
-------------------------------------------------------------------------
15   +00.44  +05.78  +09.29  +20.03  -04.23  -01.98  +01.13  +11.57  +02.32
     +009.0  +023.0  +001.9  0048
-------------------------------------------------------------------------
16   +00.76  +05.72  +09.26  +20.51  +01.69  -02.39  +01.12  +09.35  +02.13
     +007.4  +036.9  +001.7  0048
-------------------------------------------------------------------------
17   +01.09  +05.76  +09.23  +20.56  -05.57  -01.30  +01.08  +12.15  +02.26
     +009.0  +013.2  +001.8  0047
-------------------------------------------------------------------------
18   +01.45  +05.67  +09.21  +21.29  -03.81  -01.69  +01.30  +13.69  +03.05
     +010.1  +030.8  +002.3  0048
-------------------------------------------------------------------------
19   +01.97  +05.56  +09.17  +21.04  -07.92  -00.33  +01.51  +12.27  +02.68
     +008.3  +006.3  +002.1  0047
-------------------------------------------------------------------------
20   +02.47  +05.35  +09.17  +21.84  -07.95  -00.30  +02.01  +16.65  +03.48
     +011.0  +008.0  +002.6  0048
```

```
------------------------------------------------------------------------------------
21    +02.91   +05 15   +09.18   +21.04   -14.45   +01.47   +01 58   +16.03   +03 19
      +008.6   +002.6   +002.4   0047
------------------------------------------------------------------------------------
22    +03.20   +04.97   +09.20   +19.88   -14.51   +02.55   +01.87   +15.87   +03.63
      +008.5   +002.5   +002.9   0047
------------------------------------------------------------------------------------
23    +03.60   +04.64   +09.26   +18.71   -11.29   +04.10   +02.68   +16.77   +03.72
      +010.7   +005.1   +003.1   0047
------------------------------------------------------------------------------------
24    +04.00   +04.36   +09.36   +16.71   -18.96   +05.62   +03.00   +15.38   +03.26
      +006.7   +002.4   +003.0   0047
------------------------------------------------------------------------------------
25    +04.38   +04.01   +09.49   +13.85   -21.98   +08.13   +02.58   +14.04   +03.19
      +004.9   +002.2   +003.0   0048
------------------------------------------------------------------------------------
26    +04.63   +03.73   +09.62   +11.82   -18.07   +09.11   +03.72   +14.94   +03.51
      +006.7   +003.8   +003.9   0047
------------------------------------------------------------------------------------
27    +04.91   +03.38   +09.82   +09.02   -19.11   +10.96   +02.40   +17.08   +03.46
      +005.8   +004.8   +003.3   0047
------------------------------------------------------------------------------------
28    +05.07   +02.98   +10.05   +06.31   -17.47   +11.79   +02.28   +16.37   +03.37
      +005.1   +005.6   +003.1   0048
------------------------------------------------------------------------------------
29    +05.20   +02.51   +10.37   +02.51   -15.67   +13.71   +02.74   +14.91   +03.42
      +003.7   +006.2   +003.2   0047
------------------------------------------------------------------------------------
30    +05.23   +02.05   +10.74   -00.11   -12.23   +15.44   +03.54   +14.88   +03.50
      +004.8   +008.2   +003.7   0047
------------------------------------------------------------------------------------
31    +05.15   +01.62   +11.17   -03.39   -08.97   +15.13   +02.91   +14.61   +03.31
      +010.1   +010.5   +003.1   0047
------------------------------------------------------------------------------------
32    +05.01   +01.35   +11.53   -06.04   -08.59   +17.88   +02.68   +15.05   +03.34
      +014.2   +010.2   +002.4   0047
------------------------------------------------------------------------------------
33    +04.85   +01.17   +11.88   -07.80   -07.29   +18.05   +03.18   +16.68   +03.80
      +019.1   +012.1   +002.8   0047
------------------------------------------------------------------------------------
34    +04.68   +01.03   +12.20   -08.34   -08.38   +18.75   +03.22   +17.30   +03.93
      +016.9   +011.6   +002.7   0048
------------------------------------------------------------------------------------
35    +04.51   +00.89   +12.56   -10.10   -07.35   +20.25   +02.81   +16.88   +04.18
      +018.1   +011.1   +002.2   0048
------------------------------------------------------------------------------------
36    +04.35   +00.81   +12.88   -11.53   -04.53   +19.89   +03.21   +17.87   +04.28
      +022.1   +013.2   +002.5   0048
------------------------------------------------------------------------------------
37    +04.17   +00.77   +13.20   -10.67   -04.78   +19.32   +03.11   +18.72   +03.99
      +023.8   +014.4   +002.5   0048
------------------------------------------------------------------------------------
38    +03.92   +00.68   +13.65   -12.22   -03.99   +20.04   +03.32   +17.79   +04.12
      +021.6   +013.3   +002.5   0048
------------------------------------------------------------------------------------
39    +03.68   +00.62   +14.05   -13.44   +04.02   +18.97   +03.80   +16.95   +04.02
      +019.0   +014.7   +002.8   0047
------------------------------------------------------------------------------------
40    +03.40   +00.72   +14.45   -11.74   -05.59   +21.16   +04.56   +26.11   +05.13
      +029.5   +018.0   +003.1   0048
------------------------------------------------------------------------------------
41    +03.14   +00.66   +14.90   -13.56   -05.94   +23.34   +03.69   +24.94   +04.90
      +025.6   +015.7   +002.4   0047
------------------------------------------------------------------------------------
42    +02.94   +00.58   +15.23   -13.37   -06.12   +22.59   +04.56   +28.80   +04.95
      +028.7   +018.8   +002.9   0048
```

```
-------------------------------------------------------------------------
43   +02.65  +00.43  +15.74  -15.15  -10.68  +24.91  +05.10  +27.61  +05.76
     +019.8  +014.2  +003.0  0048
-------------------------------------------------------------------------
44   +02.41  +00.21  +16.14  -14.61  -09.55  +27.72  +04.66  +25.54  +05.54
     +020.5  +012.6  +002.6  0047
-------------------------------------------------------------------------
45   +02.24  +00.08  +16.44  -14.85  -13.06  +29.82  +05.25  +28.80  +05.80
     +018.0  +012.4  +002.6  0048
-------------------------------------------------------------------------
46   +02.04  -00.14  +16.83  -14.28  -15.48  +32.27  +04.77  +35.81  +06.84
     +018.8  +013.5  +002.4  0048
-------------------------------------------------------------------------
```

```
-------------------------------------------------------------------------
FILE:SL048

No.  Xcm     Ycm     Zcm     Um/s    Vm/s    Wm/s    Su      Sv      Sw
     DELxy   DELyz   DELzx   Navg

-------------------------------------------------------------------------
 1   -05.00  +06.27  +10.00  +14.41  +02.17  -02.12  +01.07  +02.01  +00.34
     +002.2  +006.7  +000.4  0048
-------------------------------------------------------------------------
 2   -04.51  +06.35  +09.93  +10.94  +01.12  -00.81  +00.49  +01.97  +00.43
     +002.9  +010.7  +000.6  0048
-------------------------------------------------------------------------
 3   -04.02  +06.41  +09.90  +13.96  +02.84  -02.06  +00.59  +02.24  +00.49
     +002.5  +004.9  +000.6  0047
-------------------------------------------------------------------------
 4   -03.53  +06.52  +09.83  +14.68  +01.17  -02.17  +00.65  +02.65  +00.55
     +002.9  +014.1  +000.6  0048
-------------------------------------------------------------------------
 5   -03.05  +06.58  +09.76  +15.34  +01.96  -02.28  +00.66  +02.99  +00.65
     +003.1  +010.6  +000.7  0048
-------------------------------------------------------------------------
 6   -02.56  +06.67  +09.70  +15.32  +02.30  -02.52  +00.59  +03.06  +00.69
     +003.2  +009.0  +000.7  0049
-------------------------------------------------------------------------
 7   -01.75  +06.82  +09.55  +16.10  +01.78  -02.18  +00.76  +02.90  +00.61
     +002.9  +011.6  +000.6  0047
-------------------------------------------------------------------------
 8   -01.10  +06.91  +09.46  +16.08  +01.80  -02.23  +00.67  +03.80  +00.87
     +003.8  +014.4  +000.9  0048
-------------------------------------------------------------------------
 9   -00.55  +07.00  +09.38  +16.23  -01.56  -01.53  +00.63  +03.41  +00.69
     +003.4  +020.8  +000.7  0047
-------------------------------------------------------------------------
10   +00.44  +06.92  +09.30  +16.78  -03.96  -00.81  +00.60  +04.55  +00.69
     +004.2  +006.0  +000.7  0047
-------------------------------------------------------------------------
11   +01.11  +06.74  +09.28  +17.06  -03.23  -01.01  +00.77  +04.31  +00.86
     +004.0  +009.6  +000.8  0048
-------------------------------------------------------------------------
12   +01.75  +06.59  +09.26  +18.42  -03.34  -01.31  +00.88  +06.97  +01.67
     +005.9  +017.7  +001.5  0048
-------------------------------------------------------------------------
13   +02.35  +06.47  +09.23  +18.60  -06.43  -00.46  +00.84  +05.24  +01.13
     +004.1  +003.6  +001.0  0048
-------------------------------------------------------------------------
14   +02.85  +06.30  +09.22  +18.68  -04.87  -00.20  +01.10  +06.28  +01.43
     +005.1  +005.4  +001.2  0048
-------------------------------------------------------------------------
15   +03.37  +06.16  +09.23  +18.55  -11.16  +01.02  +01.11  +07.34  +01.44
     +004.7  +001.5  +001.3  0049
-------------------------------------------------------------------------
16   +04.11  +05.72  +09.28  +16.80  -12.47  +02.41  +01.14  +06.79  +01.55
     +004.2  +001.2  +001.5  0047
-------------------------------------------------------------------------
17   +04.62  +05.30  +09.36  +15.49  -11.06  +02.95  +01.45  +05.73  +01.16
     +004.1  +001.4  +001.2  0047
-------------------------------------------------------------------------
18   +05.13  +04.90  +09.46  +13.73  -12.92  +04.51  +01.38  +06.71  +01.60
     +004.3  +001.6  +001.8  0047
-------------------------------------------------------------------------
19   +05.57  +04.45  +09.60  +11.49  -13.85  +05.75  +01.16  +06.59  +01.64
     +003.9  +001.7  +001.9  0047
-------------------------------------------------------------------------
20   +06.06  +03.94  +09.85  +09.32  -10.07  +06.14  +01.16  +06.43  +01.58
     +005.3  +003.2  +002.1  0048
```

```
------------------------------------------------------------------------------
21   +06.56   +03.40   +10.22   +07.17   -11.36   +07.58   +01.35   +07.87   +01.46
     +005.2   +004.3   +002.2   0048
------------------------------------------------------------------------------
22   +06.91   +02.92   +10.61   +05.89   -09.82   +08.21   +01.13   +07.88   +02.05
     +005.9   +004.9   +002.4   0048
------------------------------------------------------------------------------
23   +07.21   +02.47   +11.03   +04.41   -05.98   +08.38   +01.03   +08.56   +02.08
     +011.2   +009.6   +002.3   0047
------------------------------------------------------------------------------
24   +07.45   +02.00   +11.60   +02.96   -08.50   +10.14   +01.37   +09.46   +01.99
     +006.1   +007.8   +002.2   0047
------------------------------------------------------------------------------
25   +07.56   +01.47   +12.23   +01.35   -03.73   +10.06   +01.35   +09.07   +01.75
     +009.5   +009.0   +001.5   0130
------------------------------------------------------------------------------
26   +07.57   +01.22   +12.87   +00.29   -03.52   +10.93   +01.66   +07.92   +01.66
     +005.2   +008.1   +001.6   0128
------------------------------------------------------------------------------
27   +07.53   +01.03   +13.48   -01.56   -03.50   +12.22   +01.48   +09.75   +02.26
     +014.5   +009.2   +001.6   0086
------------------------------------------------------------------------------
28   +07.42   +00.89   +14.06   -02.93   -03.80   +13.10   +01.73   +10.30   +01.93
     +016.0   +008.4   +001.4   0124
------------------------------------------------------------------------------
29   +07.26   +00.75   +14.64   -04.82   -03.25   +14.14   +01.65   +09.94   +01.88
     +019.8   +009.4   +001.6   0082
------------------------------------------------------------------------------
30   +07.07   +00.66   +15.15   -06.48   -02.32   +15.06   +01.88   +12.74   +02.47
     +018.3   +008.3   +001.4   0131
------------------------------------------------------------------------------
31   +06.77   +00.61   +15.74   -07.86   -03.88   +16.27   +02.06   +11.67   +02.44
     +018.6   +009.9   +001.7   0084
------------------------------------------------------------------------------
32   +06.45   +00.50   +16.32   -09.46   -00.03   +16.06   +02.05   +10.75   +02.33
     +013.5   +008.1   +001.3   0123
------------------------------------------------------------------------------
33   +06.18   +00.51   +16.76   -10.94   -05.40   +17.85   +02.41   +13.48   +02.78
     +013.7   +009.0   +001.6   0085
------------------------------------------------------------------------------
34   +05.85   +00.37   +17.26   -11.12   -03.25   +17.10   +02.17   +13.54   +02.05
     +014.0   +009.4   +001.4   0087
------------------------------------------------------------------------------
35   +05.48   +00.26   +17.81   -11.93   -03.42   +17.47   +01.97   +10.78   +02.44
     +012.3   +008.3   +001.4   0084
------------------------------------------------------------------------------
36   +05.03   +00.11   +18.46   -12.64   -05.56   +18.27   +02.64   +15.30   +03.53
     +011.0   +007.9   +001.5   0130
------------------------------------------------------------------------------
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FILE:SL049

No.	Xcm DELxy	Ycm DELyz	Zcm DELzx	Um/s Navg	Vm/s	Wm/s	Su	Sv	Sw
1	-05.00 +002.7	+07.50 +010.4	+10.01 +000.5	+13.72 0049	+01.58	-01.73	+00.44	+02.34	+00.45
2	-04.50 +002.5	+07.56 +015.7	+09.94 +000.5	+13.99 0047	+00.86	-01.60	+00.46	+02.16	+00.45
3	-04.01 +002.7	+07.60 +018.6	+09.89 +000.5	+13.87 0049	+00.67	-01.61	+00.61	+02.33	+00.45
4	-03.52 +002.3	+07.62 +007.1	+09.84 +000.5	+14.32 0047	+01.91	-01.86	+00.55	+01.98	+00.40
5	-03.03 +002.8	+07.69 +015.8	+09.78 +000.6	+14.78 0047	+00.99	-01.83	+00.41	+02.54	+00.55
6	-02.54 +002.6	+07.75 +013.2	+09.72 +000.6	+15.12 0048	+01.23	-01.93	+00.56	+02.47	+00.55
7	-01.79 +002.5	+07.86 +014.5	+09.63 +000.6	+15.54 0047	+01.08	-01.69	+00.65	+02.40	+00.55
8	-01.28 +002.9	+07.90 +027.1	+09.58 +000.6	+16.15 0048	+00.44	-01.54	+00.60	+02.86	+00.58
9	-00.56 +003.0	+07.94 +029.8	+09.51 +000.5	+16.56 0048	-00.07	-01.70	+00.66	+03.12	+00.55
10	+00.29 +003.6	+07.94 +030.5	+09.43 +000.8	+17.38 0047	-00.58	-01.91	+00.77	+03.73	+00.86
11	+01.05 +003.6	+07.91 +031.6	+09.36 +000.6	+17.04 0046	-00.76	-01.65	+00.56	+03.65	+00.65
12	+01.55 +003.5	+07.90 +008.7	+09.31 +000.8	+17.80 0048	-03.37	-01.16	+00.52	+04.02	+00.80
13	+02.20 +003.5	+07.76 +006.5	+09.28 +000.8	+18.04 0048	-04.00	-00.87	+00.93	+04.01	+00.91
14	+02.91 +003.3	+07.59 +005.0	+09.25 +000.9	+17.83 0047	-04.47	-00.60	+00.76	+03.81	+00.94
15	+03.58 +002.8	+07.39 +002.4	+09.24 +000.7	+17.64 0048	-05.02	+00.05	+00.90	+03.31	+00.76
16	+04.16 +003.8	+07.23 +001.7	+09.26 +001.0	+16.54 0048	-07.34	+00.59	+00.80	+04.68	+01.03
17	+04.69 +002.9	+06.98 +001.0	+09.28 +000.8	+16.46 0048	-08.01	+01.50	+00.92	+03.62	+00.79
18	+05.35 +003.4	+06.64 +001.2	+09.34 +000.9	+15.51 0048	-07.97	+01.85	+01.01	+04.14	+00.90
19	+05.96 +003.9	+06.31 +001.9	+09.42 +000.8	+14.50 0049	-08.98	+02.84	+00.85	+04.87	+00.75
20	+06.49 +003.6	+05.99 +001.7	+09.53 +001.0	+13.58 0049	-08.58	+03.04	+00.80	+04.24	+00.83

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----------------------------------------------------------------------------
21   +07.09   +05.62   +09.68   +12.37   -08.58   +03.68   +00.78   +04.40   +00.85
     +003.9   +002.2   +001.1   0047
----------------------------------------------------------------------------
22   +07.79   +05.14   +09.91   +10.89   -08.87   +04.84   +00.62   +04.29   +00.94
     +003.9   +002.5   +001.2   0047
----------------------------------------------------------------------------
23   +08.41   +04.66   +10.21   +10.11   -07.74   +05.30   +00.71   +05.17   +01.21
     +005.2   +003.8   +001.6   0049
----------------------------------------------------------------------------
24   +09.02   +04.21   +10.57   +08.83   -06.71   +05.59   +00.68   +04.47   +00.99
     +005.3   +004.3   +001.4   0047
----------------------------------------------------------------------------
25   +09.58   +03.80   +10.96   +08.35   -06.48   +05.93   +00.85   +04.85   +01.07
     +006.0   +005.0   +001.6   0047
----------------------------------------------------------------------------
26   +10.02   +03.49   +11.29   +07.69   -05.55   +06.07   +01.20   +05.44   +01.06
     +007.8   +007.0   +001.8   0047
----------------------------------------------------------------------------
27   +10.50   +03.16   +11.69   +07.30   -05.68   +06.16   +01.11   +05.63   +01.25
     +007.8   +006.8   +002.0   0047
----------------------------------------------------------------------------
28   +10.90   +02.85   +12.05   +06.80   -03.98   +06.25   +01.15   +05.16   +00.85
     +006.7   +006.8   +001.3   0089
----------------------------------------------------------------------------
29   +11.36   +02.57   +12.48   +06.95   -03.66   +06.50   +01.15   +05.62   +01.13
     +008.3   +007.9   +001.5   0089
----------------------------------------------------------------------------
30   +11.90   +02.27   +13.01   +06.62   -02.91   +06.44   +00.96   +05.94   +01.24
     +009.6   +009.1   +001.6   0089
----------------------------------------------------------------------------
31   +12.55   +02.02   +13.66   +06.29   -04.52   +07.35   +01.14   +05.97   +01.35
     +008.5   +007.2   +001.6   0087
----------------------------------------------------------------------------
32   +13.03   +01.74   +14.18   +06.22   -03.73   +07.09   +00.98   +07.66   +01.63
     +011.0   +009.4   +001.8   0087
----------------------------------------------------------------------------
33   +13.46   +01.50   +14.65   +06.08   -02.50   +07.08   +01.07   +06.25   +01.37
     +010.6   +009.0   +001.5   0126
----------------------------------------------------------------------------
34   +13.79   +01.36   +15.04   +05.81   -02.37   +06.57   +01.08   +06.37   +01.37
     +011.5   +009.9   +001.6   0123
----------------------------------------------------------------------------
35   +14.35   +01.13   +15.69   +05.92   -02.29   +07.15   +01.10   +07.06   +01.67
     +011.4   +008.8   +001.7   0125
----------------------------------------------------------------------------
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LA 4 WATT ARGON-ION LASER
PR POLARIZATION ROTATOR
DP DISPERSION PRISM
SP SEPARATION PRISM
WP WEDGE PRISM
BS BEAM SPLITTER
BC BRAGG CELL
M   MIRROR
RM ROTATING MIRROR
DM DICHROIC MIRROR
PT PHOTOMULTIPLIER TUBE
IF PINHOLE AND INTERFERENCE FILTER

——————— 0 5145μm GREEN
---------- 0 4765μm VIOLET
0 4880μm BLUE
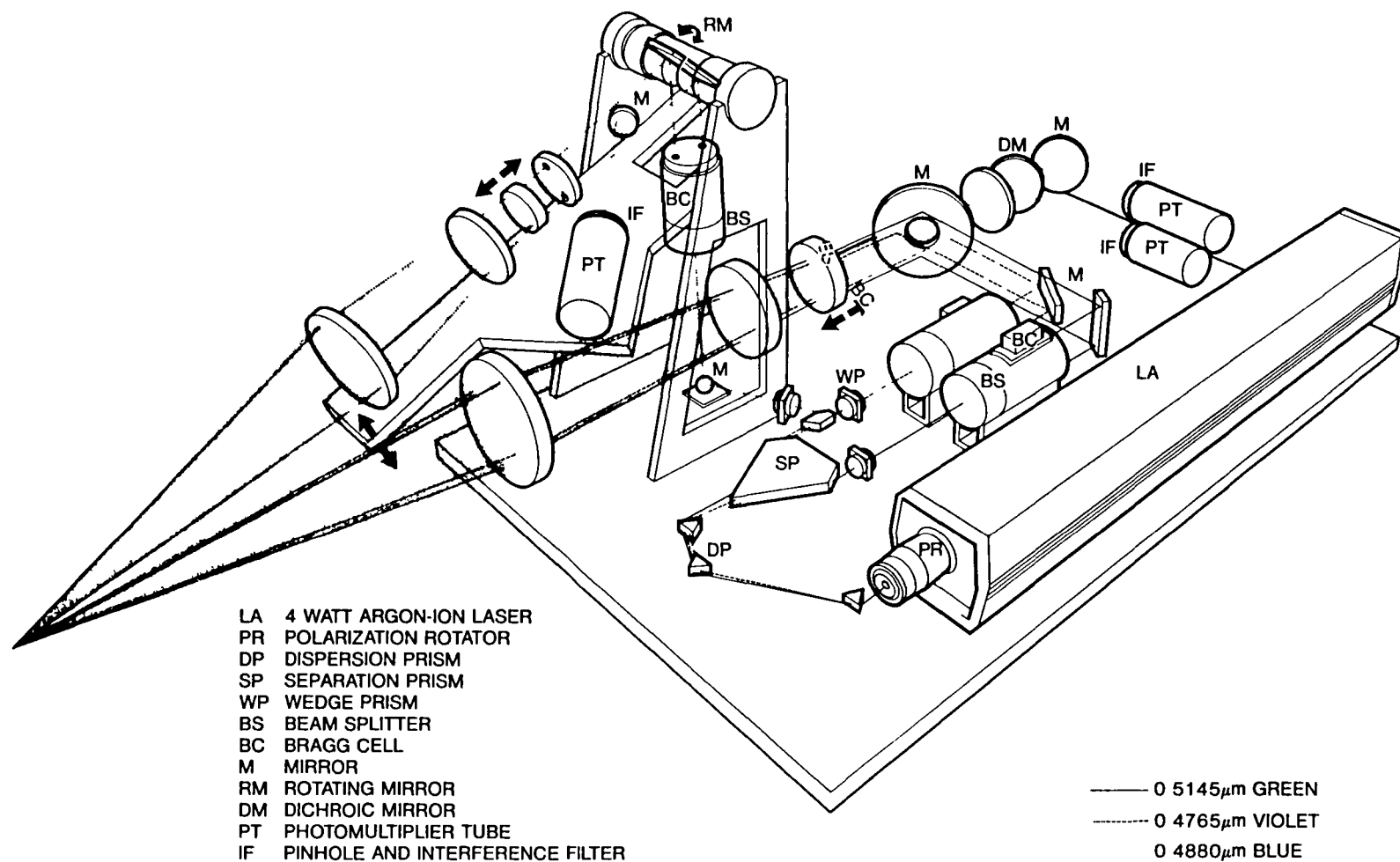
Figure 1.– 3D-Laser Doppler Anemometer.
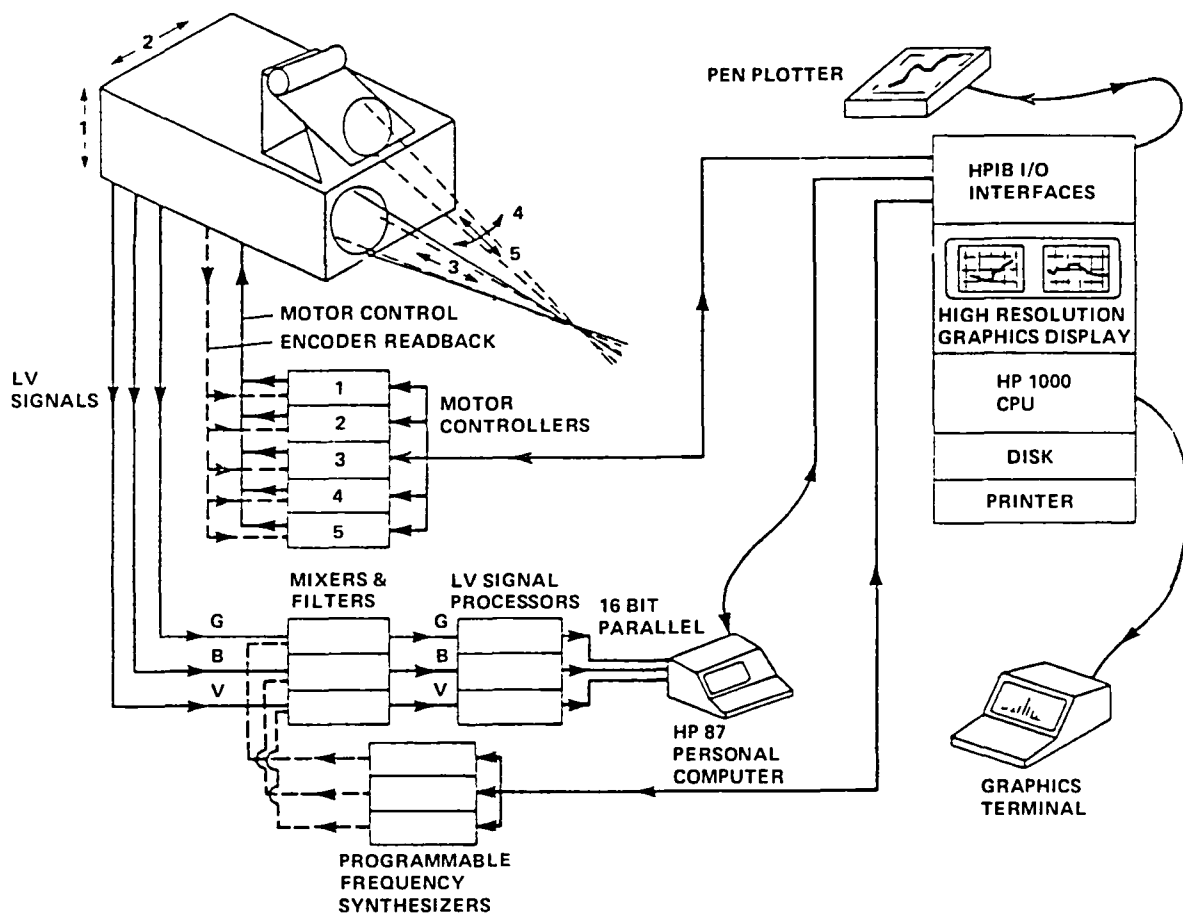
Figure 2.- 3D-LDA minicomputer-based data acquisition, reduction, display, and control system.

Figure 3.- Jet-in-a-Crossflow model and 3D-Laser Doppler Anemometer.

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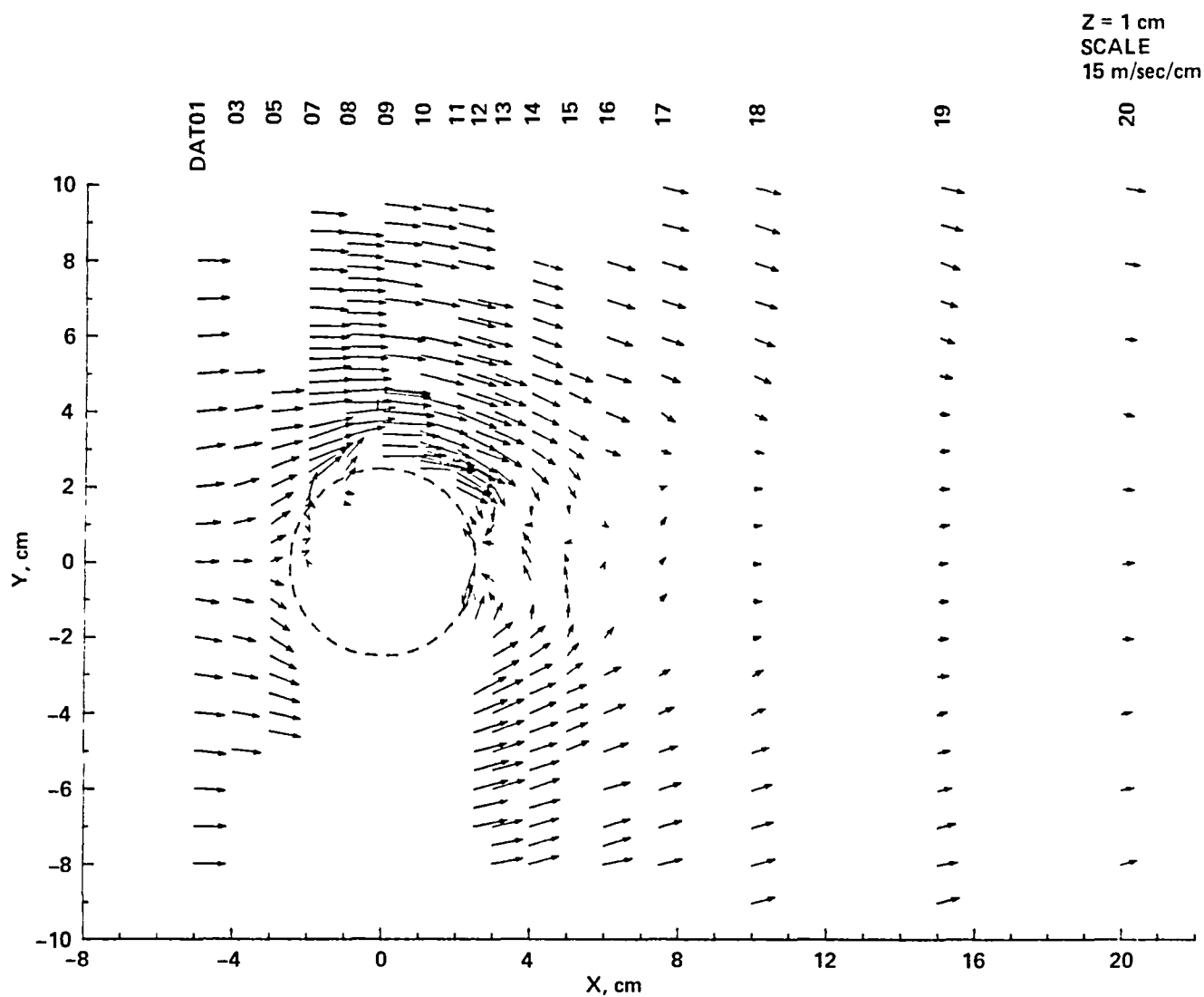
Figure 4.- Cross section of data in x-y plane.
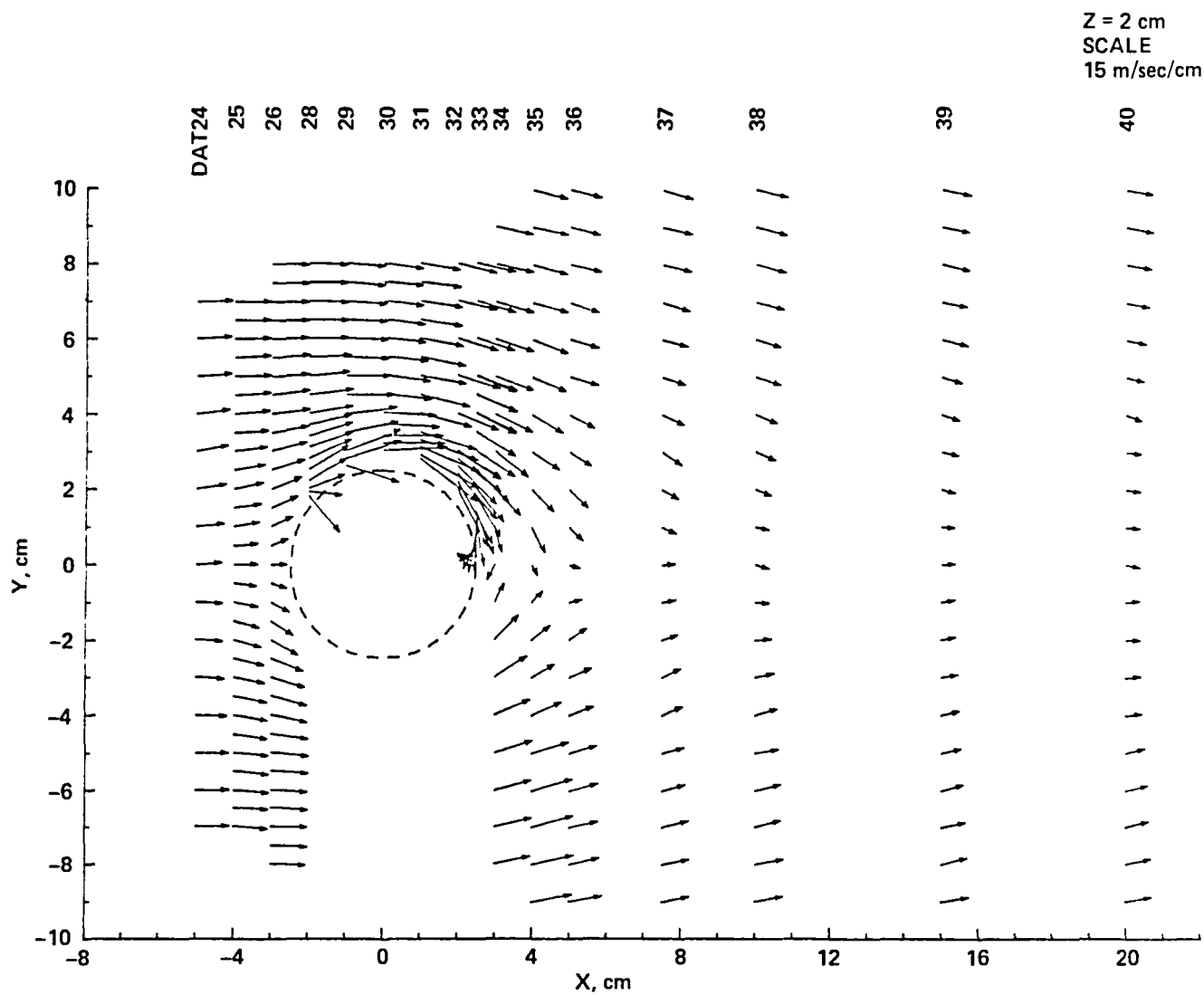
Figure 5.- Cross section of data in x-y plane.

216

Z = 1 cm
SCALE
3 m/sec/cm
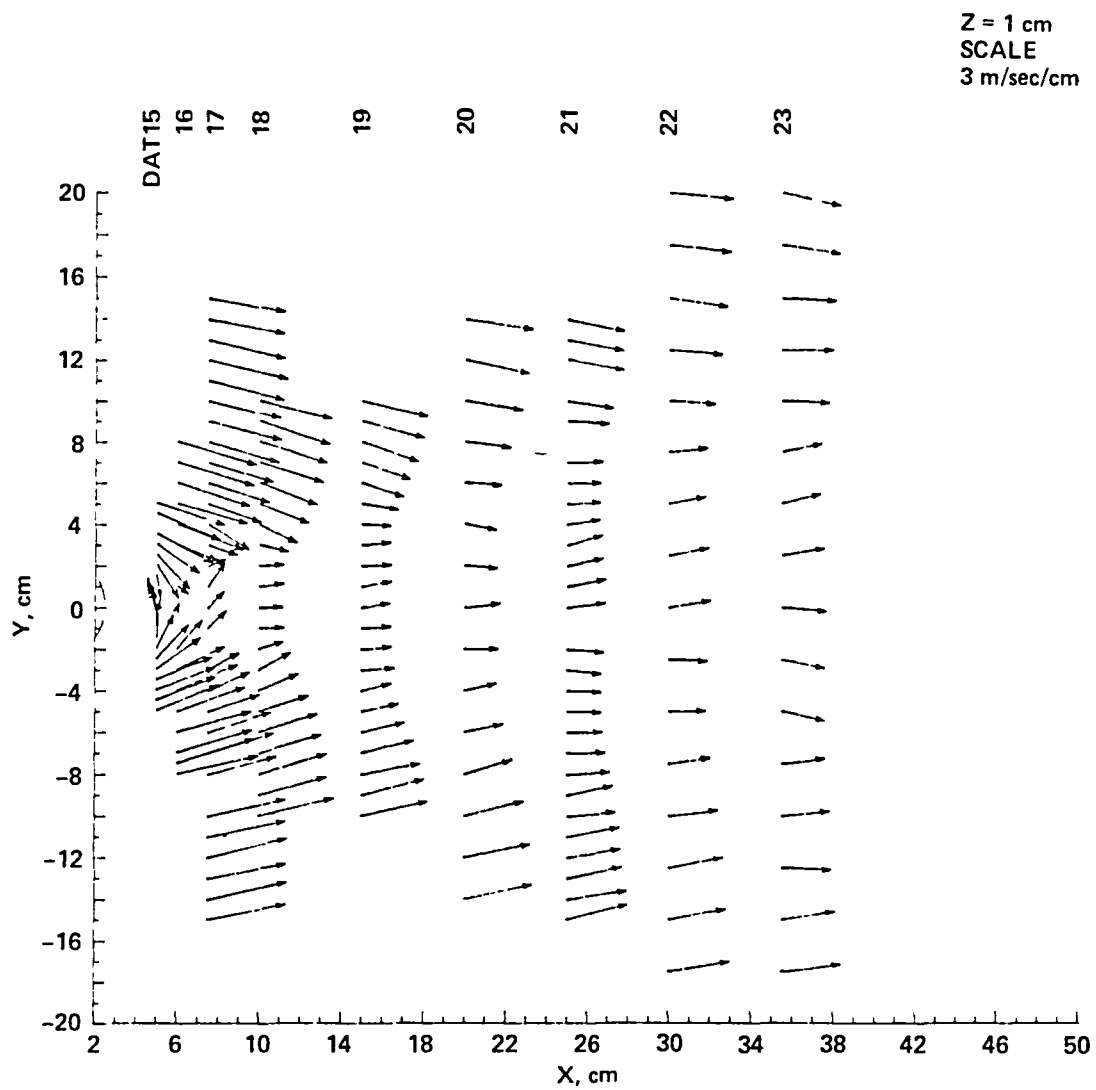
Figure 6.- Far wake region in x-y plane.
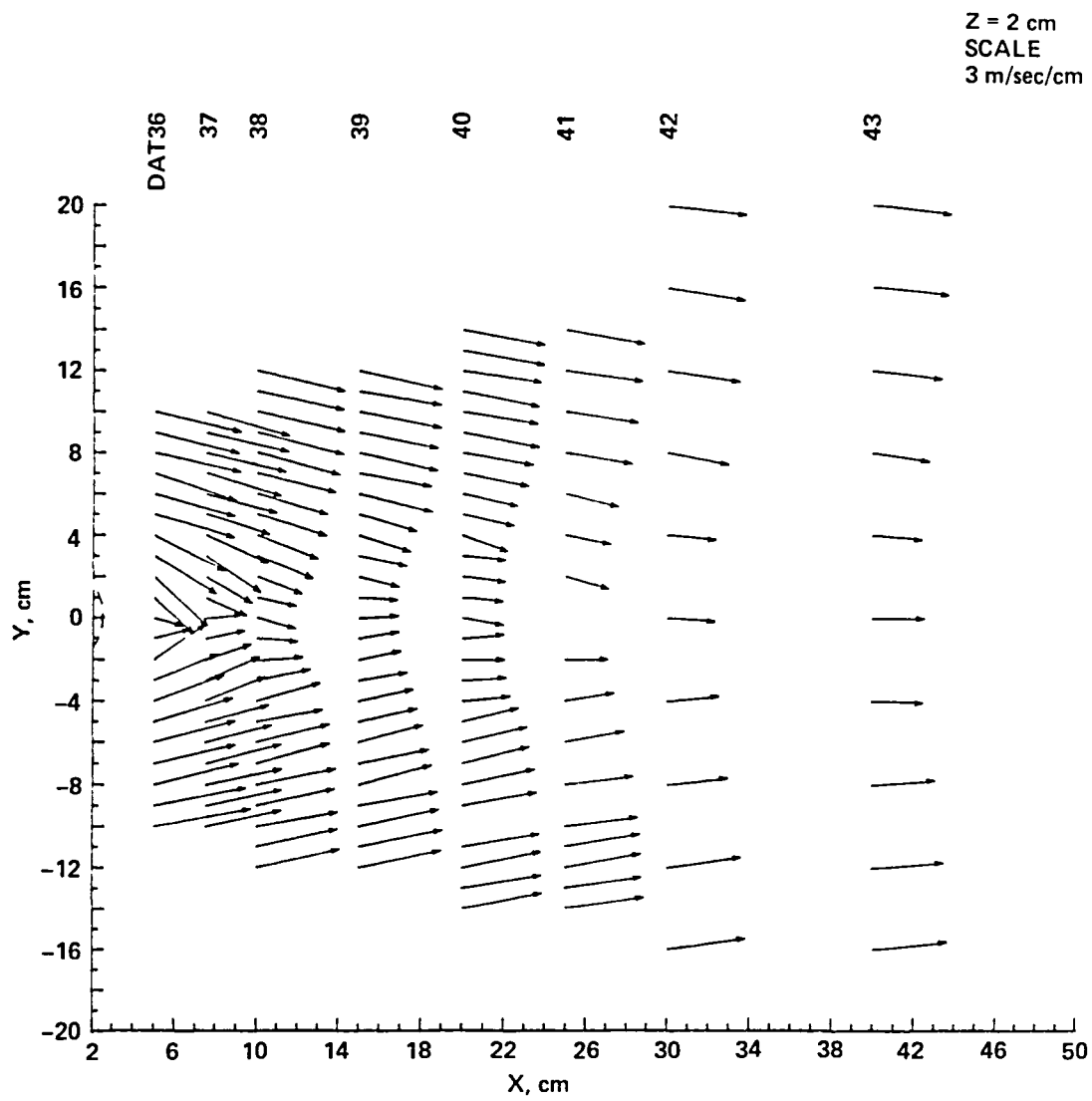
Figure 7.- Far wake region in x-y plane.

218
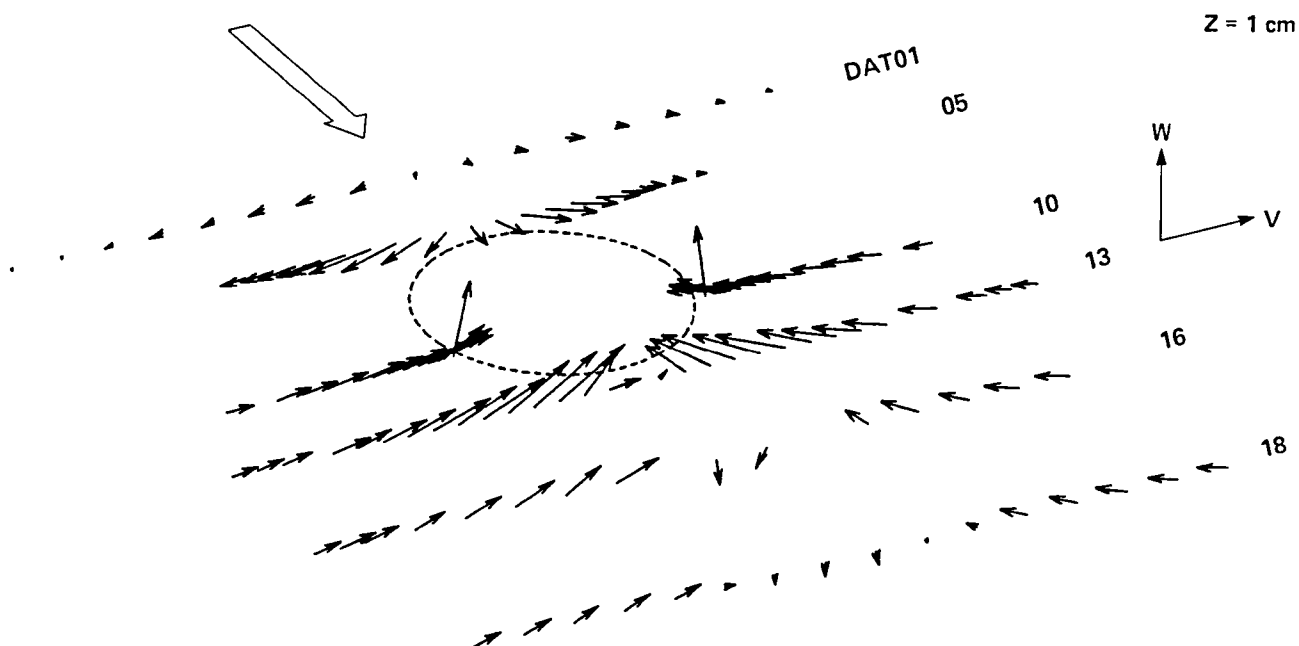
Figure 8.- View of selected surveys showing lateral and vertical components of velocity only.
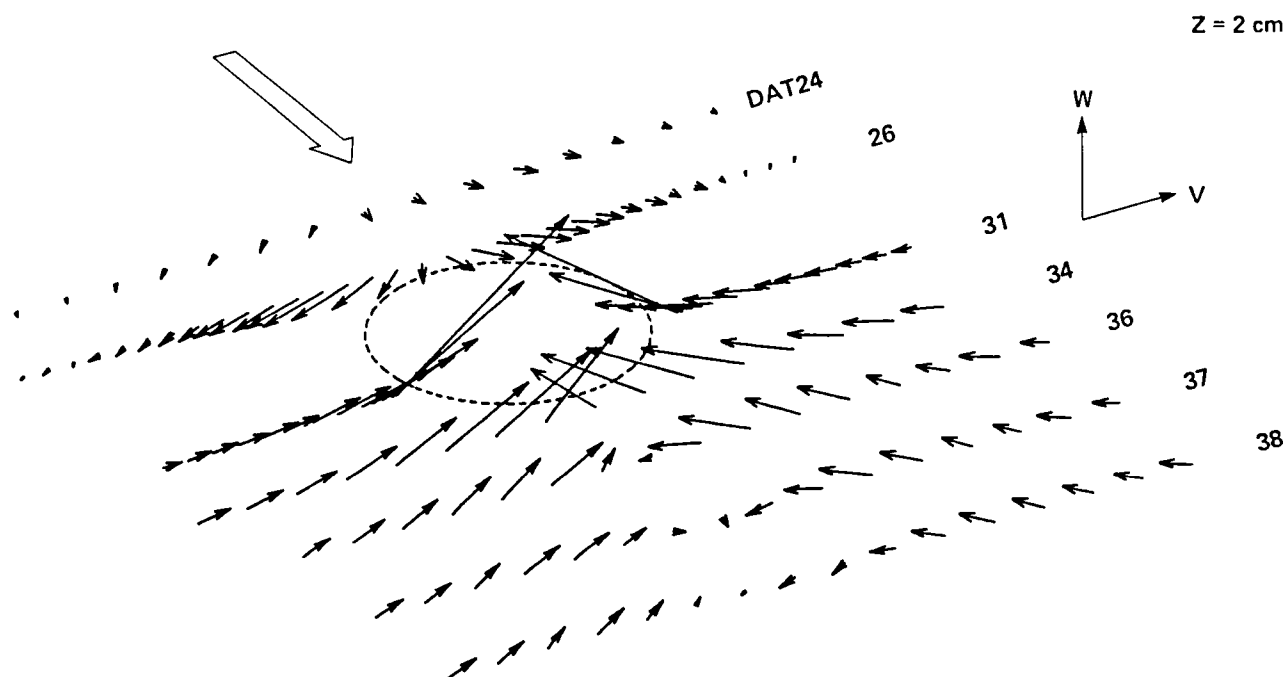
Figure 9.- View of selected surveys showing lateral and vertical components of velocity only.
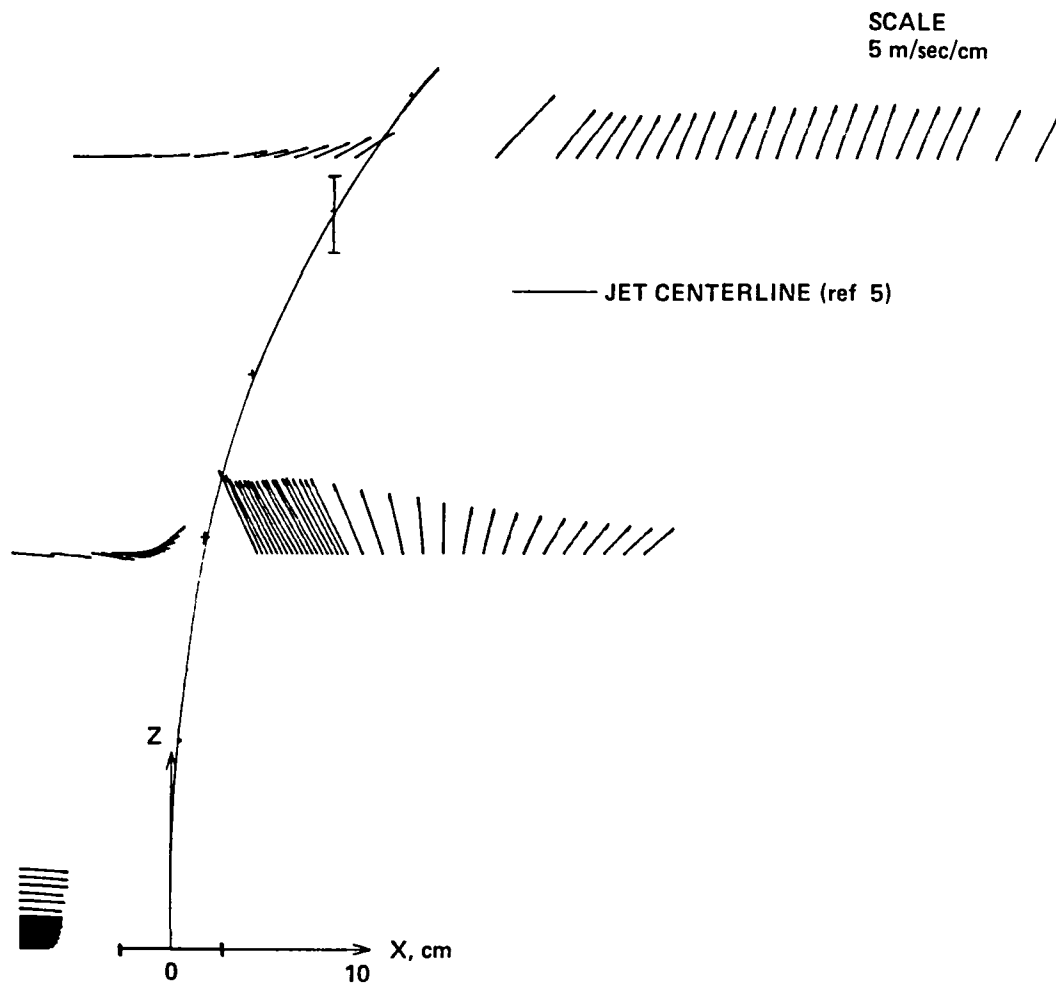
Figure 10.- Boundary layer and x-surveys at centerline for z = 20 and 40 cm.

SCALE
8 m/sec/cm
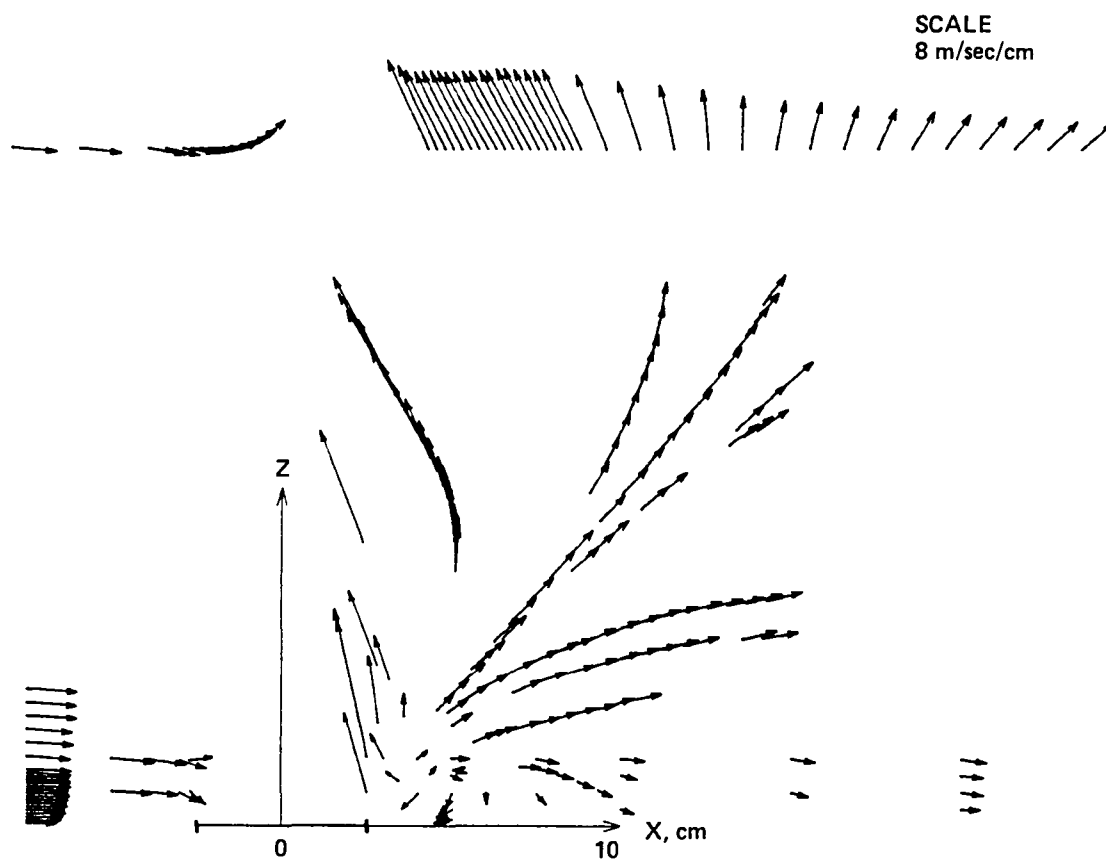
Figure 11.- Cut through x-y plane at y = 0 of all available data below
z = 20 cm.
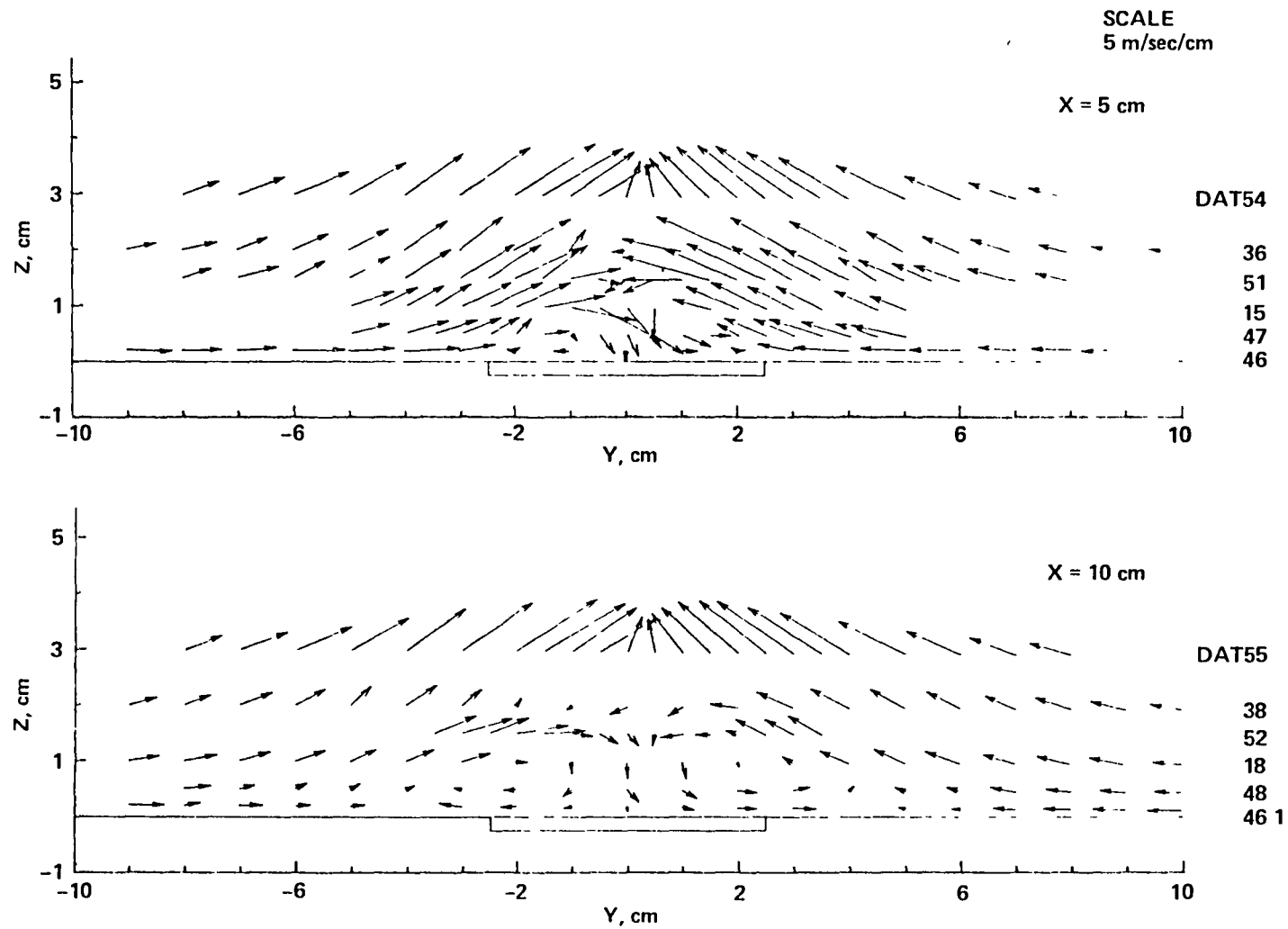
Figure 12.- Cross sections in wake showing weak vortex structures near plate.
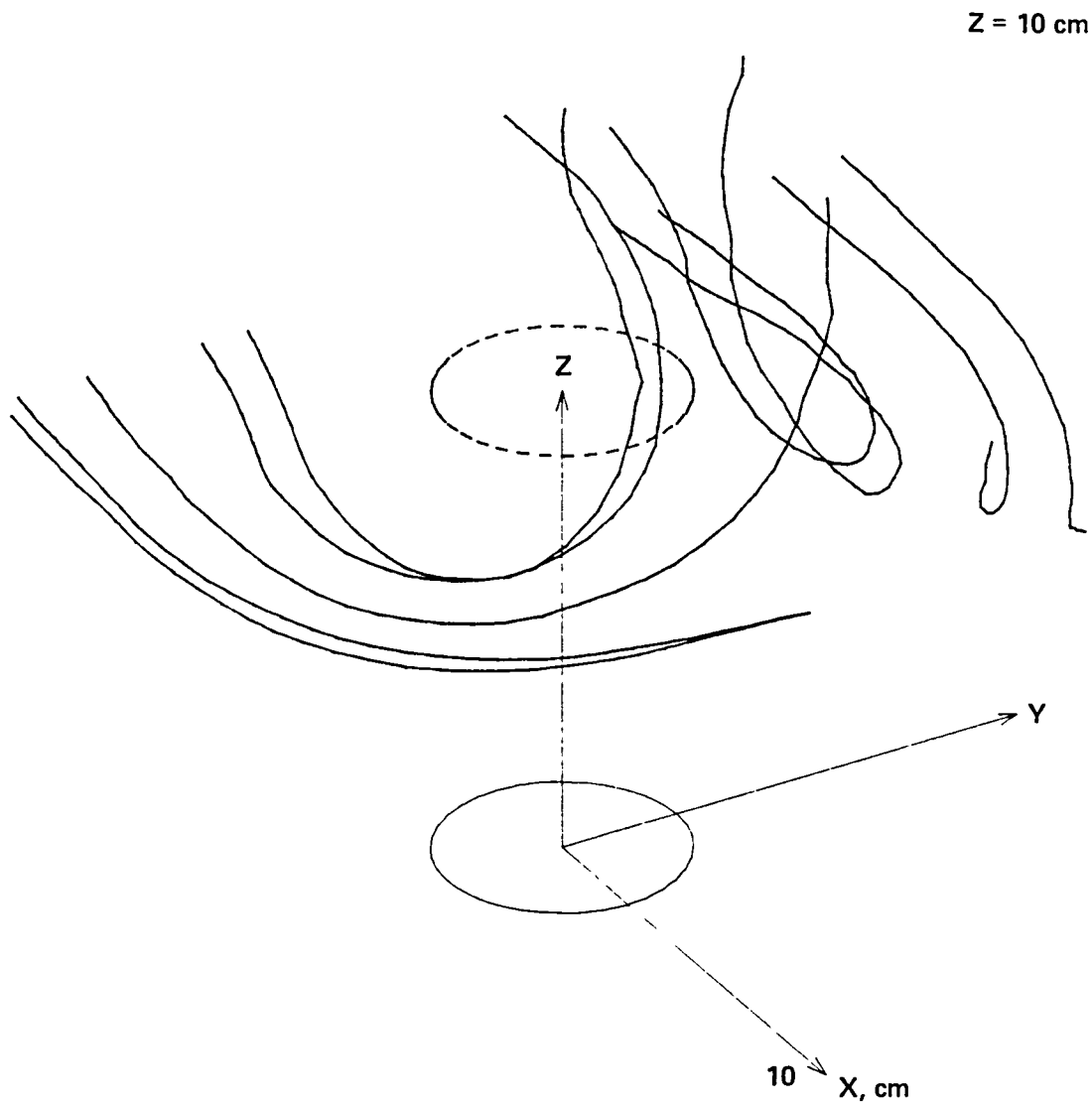
Z = 10 cm

Figure 13.- Streamlines originating upstream at z = 10 cm. Note reverse trace of streamline at left.

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Z = 5 cm

Figure 14.- Streamlines originating upstream at z = 5 cm.
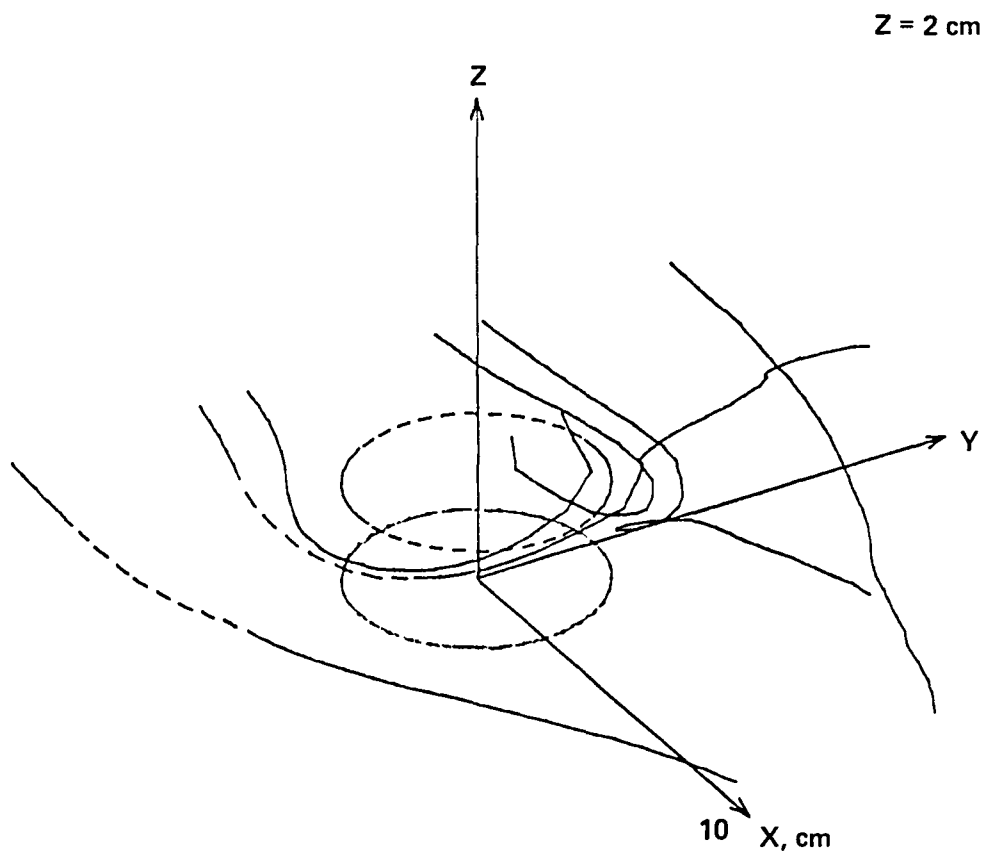
Figure 15.- Streamlines originating upstream at z = 2 cm.
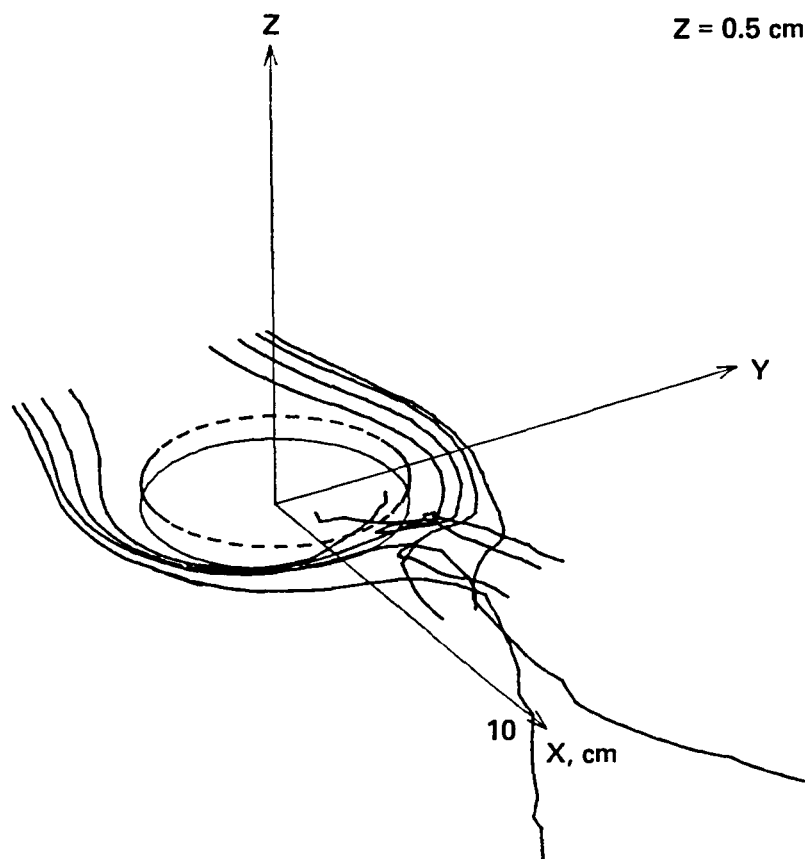
Figure 16.— Streamlines originating upstream at z = 0.5 cm. Streamlines have been redrawn on -y side.

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4 Title and Subtitle THREE-DIMENSIONAL LASER DOPPLER ANEMOMETER MEASUREMENTS OF A JET IN A CROSSFLOW		5 Report Date September 1984
		6 Performing Organization Code
7 Author(s) Philip Snyder and Kenneth L. Orloff		8 Performing Organization Report No A-9839
9 Performing Organization Name and Address Ames Research Center Moffett Field, CA 94035		10 Work Unit No T-3530
		11 Contract or Grant No
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15 Supplementary Notes

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16 Abstract

A three-dimensional laser Doppler anemometer (3D-LDA) was used in a wind tunnel to measure a jet in a crossflow. Measurements were made in the vicinity of a 5-cm-diam jet which issued normally into a 10.65 m/sec wind tunnel crossflow; the velocity ratio Vjet/Vinf was 8. Detailed lateral surveys were made at two elevations (z = 1 cm and 2 cm); both elevations were within the region affected by the boundary layer on the plate. The results are believed to provide reliable velocity field information in the boundary layer of the jet in a crossflow. Turbulence information also is available and believed to be roughly correct, although it may be subject to broadening effects for the lower values of turbulence. A weak vortex pair was observed in the wake at the plate surface. This structure existed in the boundary layer and built confidence because the 3D-LDA was, indeed, able to resolve fine detail in the wake. The capabilities of the 3D-LDA not only allow the making of the velocity surveys, but can be utilized to follow mean streamlines in the flow. Using a specialized algorithm, it was possible to reconstruct streamlines originating upstream on a lateral line at elevations of 2, 5, and 10 cm. The results show symmetry about the jet and rollup of the contrarotating vortices. All the velocities along the streamlines are recorded.

17 Key Words (Suggested by Author(s)) Jets, Three-dimensional flows, Velocimetry, Laser, Velocity measurement, Streamlines	18 Distribution Statement Unlimited Subject Category - 34		
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